

# PUBLIC HEALTH REPORTS

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## NOTICE

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# PUBLIC HEALTH REPORTS.

Vol. XXV.

DECEMBER 9, 1910.

No. 49

## UNITED STATES.

REPORTS TO THE SURGEON GENERAL, PUBLIC HEALTH AND MARINE-HOSPITAL SERVICE.

### PELLAGRA IN FLORIDA.

Report by Dr. J. Y. PORTER, State Health Officer of Florida.

The figures given below are summarized from reports made by various members of the medical profession in answer to inquiries as to the prevalence of pellagra in the past and at the present time.

During the years 1909 and 1910, pellagra was diagnosed and treated in 22 of the 47 counties in Florida, there being a total of 91 cases with 41 deaths, distributed among the races and sexes as follows:

	Cases.	Deaths.
White:		
Male.....	16	10
Female.....	30	13
Black:		
Male.....	17	3
Female.....	11	1
Sex and race not stated.....	17	18
Total.....	91	41

It is very evident that the deaths among the colored population have not been completely reported.

Twenty-eight of the cases were reported from the State Hospital for the Insane, at Chattahoochee.

The reports are so incomplete in details that I am unable to even make an estimate of the number of cases on hand.

The physicians who have made reports of cases are being further requested to furnish details as to race, sex, age, recoveries, and fatalities.

### PLAGUE-PREVENTION WORK.

#### DISTRIBUTION OF POISON.

In connection with the making of a squirrel-free zone around the cities in California on San Francisco Bay, 3,600 acres of land in Contra Costa County were covered with poison during the week ended November 19, 1910.

## Record of Plague Infection.

Place.	Date of last case of human plague.	Date of last case of rodent plague.	Total number of rodents found infected since May, 1907.
<b>California:</b>			
<b>Cities—</b>			
San Francisco.....	Jan. 30, 1908	Oct. 23, 1908	398 rats.
Oakland.....	Oct. 26, 1909	Dec. 1, 1908	126 rats.
Berkeley.....	Aug. 28, 1907	None recorded.	
Los Angeles.....	Aug. 11, 1908	Aug. 21, 1908	1 squirrel.
<b>Counties—</b>			
Alameda (exclusive of the city of Oakland)...	Sept. 26, 1909	May 30, 1910	88 squirrels, 1 wood rat.
Contra Costa.....	July 21, 1908	Sept. 10, 1910	247 squirrels.
Merced.....	None recorded.	June 6, 1910	2 squirrels.
Monterey.....	do.....	do.....	4 squirrels.
San Benito.....	June 5, 1910	July 11, 1910	20 squirrels.
San Joaquin.....	None recorded.	Aug. 19, 1910	6 squirrels.
San Luis Obispo.....	do.....	Jan. 29, 1910	1 squirrel.
Santa Clara.....	Sept. 5, 1910	Oct. 5, 1910	23 squirrels.
Santa Cruz.....	None recorded.	May 17, 1910	3 squirrels.
Stanislaus.....	do.....	May 21, 1910	5 squirrels.
<b>Washington:</b>			
Seattle.....	Oct. 30, 1907	Feb. 8, 1910	22 rats.

## Rats Collected and Examined for Plague Infection.

Place.	Week ended—	Found dead.	Total collected.	Examined.	Found infected.
<b>California:</b>					
<b>Cities—</b>					
Berkeley.....	Nov. 19		a 81	81	
Oakland.....	do.....	29	b 704	481	
San Francisco.....	do.....	48	c 2,003	1,505	
<b>Counties—</b>					
Los Angeles.....	do.....		d 1	1	
<b>Total.....</b>		77	2,789	2,068	

a Identified, *Mus norvegicus* 70, *Mus musculus* 11.b Identified, *Mus norvegicus* 602, *Mus musculus* 101, *Mus alexandrinus* 1.c Identified, *Mus norvegicus* 1,419, *Mus rattus* 121, *Mus musculus* 328, *Mus alexandrinus* 135.d Identified, *Mus norvegicus* 1.

## Squirrels Collected and Examined for Plague Infection.

Place.	Week ended.	Trapped and shot.	Found dead.	Examined.	Found infected.
<b>California:</b>					
<b>Counties—</b>					
Alameda.....	Nov. 19	55		55	
Calaveras.....	do.....	47		47	
Contra Costa.....	do.....	141	19	150	
Fresno.....	do.....	80		80	
Los Angeles.....	do.....	233		207	
Madera.....	do.....	64		64	
Mariposa.....	do.....	60	28	86	
Merced.....	do.....	118	5	117	
Monterey.....	do.....	269		265	
Napa.....	do.....	116		115	
Sacramento.....	do.....	63		63	
San Joaquin.....	do.....	169		165	
San Luis Obispo.....	do.....	85		85	
San Mateo.....	do.....	41		41	
Santa Clara.....	do.....	77		77	
Sonoma.....	do.....	15		15	
Tuolumne.....	do.....	51		51	
<b>Total.....</b>		1,684	52	1,683	

## Other Animals Collected and Examined.

Place.	Week ended—	Animals collected.	Examined.	Found infected.
California:				
Cities—				
San Francisco.....	Nov. 19	1 gopher.....		
Counties—				
Calaveras.....	..do....	2 rabbits.....	2	
Kern.....	..do....	7 kangaroo rats, 1 field mouse.	8	
Los Angeles.....	..do....	1 rabbit, 2 kangaroo rats.	3	
Tuolumne.....	..do....	1 rabbit.....	1	
Total.....			14	

## SMALLPOX IN THE UNITED STATES.

In the following tables the States indicated by an asterisk are those from which reports of smallpox are received only from certain city, and in some cases county, boards of health. In these States, therefore, the recorded cases and deaths should not be taken as showing the general prevalence of the disease. In the States not marked by an asterisk the reports are received monthly from the State boards of health and include all cases reported throughout the State.

## Reports Received During Week Ended December 9, 1910.

Place.	Date.	Cases.	Deaths.	Remarks.
*Alabama:				
Mobile.....	Nov. 20-26.....	8		
Montgomery.....	Nov. 13-19.....	1		
Florida:				
Escambia County.....	Nov. 19-25.....	5		
Dade County.....	Nov. 19-25.....	1		
Jackson County.....	Nov. 19-25.....	2		
Leon County.....	Nov. 19-25.....	9		
Ocala County.....	Nov. 19-25.....	3		
Polk County.....	Nov. 19-25.....	2		
Washington County.....	Nov. 19-25.....	3		
*Missouri:				
Kansas City.....	Oct. 1-31.....	11		
St. Louis.....	Nov. 19-26.....	1		
Utah:				
Beaver County.....	Oct. 1-31.....	1		
Iron County.....	Oct. 1-31.....	2		
Salt Lake County.....	Oct. 1-31.....	16		
Utah County.....	Oct. 1-31.....	7		
Washington County.....	Oct. 1-31.....	7		
Weber County.....	Oct. 1-31.....	2		

## Reports Received from June 25 to December 2, 1910.

[For reports received from Jan. 1, 1910, to June 24, 1910, see PUBLIC HEALTH REPORTS for June 24, 1910. In accordance with custom, the tables of epidemic diseases are terminated semiannually and new tables begun.]

Place.	Date.	Cases.	Deaths.	Remarks.
*Alabama:				
Birmingham.....	June 12-Aug. 6....	11		
Mobile.....	June 12-Nov. 1....	21		
Montgomery.....	June 12-Nov. 12....	9		
Total for State.....		41		
*Arizona:				
Flagstaff.....	Oct. 23-29.....	1		
Total for State.....		1		

## SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from June 25 to December 2, 1910.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>*Arkansas:</b>				
Fort Smith.....	June 19-25.....	1		
<b>California, general.....</b>				
Amador County.....	May 1-June 30.....	27		
Hamlet County.....	July 1-Aug. 31.....	2		
Los Angeles County.....	Aug. 1-31.....	2		
Sacramento County.....	July 1-31.....	1		
San Francisco County.....	Aug. 1-31.....	1		
San Joaquin County.....	July 1-Aug. 31.....	2		
Santa Clara County.....	July 1-31.....	4		
Total for State.....		2		
<b>Colorado:</b>				
Conejos County.....	Apr. 1-30.....		1	Received out of date.
Las Animas County.....	Mar. 1-Apr. 30.....		2	
Logan County.....	May 1-31.....		1	
Montrose County.....	Apr. 1-30.....		1	
Adams County.....	July 1-31.....	3		
Archuleta County.....	June 1-Oct. 31.....	25		
Boulder County.....	Oct. 1-31.....	1		
Chaffee County.....	July 1-Aug. 31.....	3		
Clear Creek County.....	Aug. 1-31.....	1		
Conejos County.....	June 1-Oct. 31.....	6		
Delta County.....	June 1-30.....	2		
Denver County.....	June 1-Oct. 31.....	92		
El Paso County.....	July 1-Aug. 31.....	3		
Fremont County.....	Oct. 1-31.....	1		
Garfield County.....	Oct. 1-31.....	1		
Huerfano County.....	June 1-Oct. 31.....	24		
Kit Carson County.....	June 1-30.....	4		
Larimer County.....	June 1-30.....	1		
Las Animas County.....	June 1-Oct. 31.....	8		
La Plata County.....	Oct. 1-31.....	4		
Logan County.....	June 1-30.....	1		
Mesa County.....	June 1-Oct. 31.....	2		
Montezuma County.....	Sept. 1-Oct. 31.....	3		
Montrose County.....	June 1-30.....	5		
Otero County.....	June 1-Sept. 30.....	5		
Prowers County.....	June 1-Sept. 30.....	17		
Pueblo County.....	July 1-31.....	1		
Rio Grande County.....	June 1-30.....	4		
Saguache County.....	June 1-July 31.....	20		
San Miguel County.....	June 1-30.....	1	1	
Teller County.....	June 1-Oct. 31.....	12		
Weld County.....	June 1-30.....	5		
Total for State.....		255	6	
<b>Connecticut.....</b>				
Jan. 1-31.....				No cases.
<b>District of Columbia.....</b>				
July 3-Sept. 17.....		15		
Total for District.....		15		
<b>Florida:</b>				
Brevard County.....	Aug. 7-13.....	1		
Dade County.....	Nov. 6-12.....	1		
Duval County.....	June 19-Nov. 19.....	4		
Escambia County.....	Nov. 6-19.....	3		
Gadsden County.....	July 3-Nov. 19.....	18		
Hillsboro County.....	July 17-Nov. 12.....	6		
Jackson County.....	June 19-Aug. 6.....	3		
Jefferson County.....	July 10-Aug. 6.....	4		
Leon County.....	Mar. 1-Nov. 19.....	10	1	
Liberty County.....	July 17-23.....	14		
Osceola County.....	Oct. 23-Nov. 12.....	42		
Polk County.....	Nov. 13-19.....	5		
Santa Rosa County.....	July 31-Aug. 6.....	2		
Taylor County.....	July 3-9.....	1		
Walton County.....	June 12-18.....	1		
Total for State.....		115	1	
<b>*Georgia:</b>				
Columbus.....	July 3-9.....	6		
Macon.....	Apr. 1-June 30.....	8		
Total for State.....		14		



## SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from June 25 to December 2, 1910.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Illinois:</b>				
Adams County.....	June 1-30.....	2	.....	
Clay County.....	June 1-30.....	1	.....	
Coles County.....	June 1-Aug. 31.....	30	.....	
Cook County.....	June 1-30.....	1	.....	
Chicago.....	June 1-Aug. 31.....	3	.....	
Edgar County.....	June 1-30.....	2	.....	
Franklin County.....	June 1-30.....	1	.....	
Henry County.....	July 1-31.....	3	.....	
Iroquois County.....	June 1-30.....	1	.....	
Jo Daviess County.....	June 1-July 31.....	9	.....	
Kendall County.....	June 1-July 31.....	2	.....	
Knox County.....	June 1-July 31.....	6	.....	
Madison County.....	June 1-Aug. 31.....	23	.....	
Marion County.....	June 1-30.....	3	.....	
Montgomery County.....	June 1-30.....	6	.....	
Peoria County.....	June 1-Aug. 31.....	6	.....	
Perry County.....	June 1-30.....	1	.....	
Pulaski County.....	June 1-30.....	1	.....	
Randolph County.....	June 1-30.....	1	.....	
Richland County.....	June 1-Aug. 31.....	9	.....	
Rock Island County.....	June 1-Aug. 31.....	8	.....	
St. Clair County.....	June 1-30.....	1	.....	
Sangamon County.....	June 1-30.....	1	.....	
Tazewell County.....	June 1-30.....	2	.....	
Union County.....	June 1-30.....	4	.....	
Wayne County.....	June 1-30.....	3	.....	
Williamson County.....	June 1-30.....	2	.....	
Total for State.....		132		
<b>Indiana, general:</b>				
Allen County.....	Aug. 1-31.....	6	.....	
Allen County.....	May 1-June 30.....	8	.....	
Carroll County.....	June 1-30.....	1	.....	
Clay County.....	June 1-30.....	2	.....	
Clinton County.....	May 1-31.....	1	.....	
Dekalb County.....	June 1-30.....	1	.....	
Delaware County.....	May 1-31.....	4	.....	
Elkhart County.....	May 1-31.....	1	.....	
Gibson County.....	May 1-31.....	1	.....	
Grant County.....	May 1-June 30.....	13	.....	
Greene County.....	May 1-31.....	9	.....	
Howard County.....	May 1-June 31.....	21	.....	
Lake County.....	June 1-30.....	1	.....	
Madison County.....	June 1-30.....	6	.....	
Marion County.....	May 1-Sept. 30.....	7	.....	
Marshall County.....	June 1-30.....	1	.....	
Martin County.....	June 1-30.....	4	.....	
Miami County.....	June 1-30.....	6	.....	
Montgomery County.....	June 1-30.....	6	.....	
Orange County.....	May 1-31.....	18	.....	
Owen County.....	May 1-June 30.....	23	.....	
Putnam County.....	June 1-30.....	1	.....	
St. Joseph County.....	May 1-June 30.....	10	.....	
Tipton County.....	May 1-31.....	1	.....	
Vigo County.....	May 1-June 30.....	28	.....	
Warren County.....	June 1-30.....	1	.....	
Wayne County.....	June 1-30.....	6	.....	
Total for State.....		187		
<b>Iowa:</b>				
Benton County.....	June 1-July 31.....	4	.....	
Buchanan County.....	June 1-30.....	2	.....	
Cass County.....	Oct. 1-31.....	2	.....	
Cedar County.....	July 1-31.....	1	.....	
Clayton County.....	June 1-30.....	1	.....	
Dallas County.....	June 1-30.....	1	.....	
Delaware County.....	June 1-30.....	10	.....	
Dubuque County.....	June 1-30.....	1	.....	
Linn County.....	June 1-Oct. 31.....	46	.....	
Plymouth County.....	Aug. 1-Oct. 31.....	3	.....	
Polk County.....	June 1-Oct. 31.....	24	.....	
Pottawattamie County.....	June 1-Aug. 31.....	21	.....	
Scott County.....	June 1-July 31.....	4	.....	
Warren County.....	Aug. 1-Sept. 30.....	14	.....	
Webster County.....	July 1-31.....	1	.....	
Winneshiek County.....	June 1-30.....	1	.....	
Woodbury County.....	June 1-30.....	1	.....	
Total for State.....		137		

## SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from June 25 to December 2, 1910.

Place.	Date.	ases.	Deaths.	Remarks.
<b>Kansas:</b>				
Allen County.....	May 1-Sept. 30....	42		
Atchison County—				
Atchison.....	Apr. 1-May 31.....	7		
Barton County.....	June 1-Sept. 30....	9		
Butler County.....	Apr. 1-June 30.....	8		
Cherokee County.....	June 1-30.....	4		
Clay County.....	July 1-Sept. 30....	3		
Coffey County.....	July 1-31.....	1		
Cowley County.....	Apr. 1-July 31.....	12		
Crawford County.....	June 1-30.....	4	1	
Pittsburg.....	Aug. 1-Sept. 30....	2		
Decatur County.....	Apr. 1-Aug. 31.....	38		
Dickinson County.....	May 1-June 30.....	10		
Doniphan County.....	Apr. 1-30.....	10		
Edwards County.....	Apr. 1-Aug. 31.....	7		
Elk County.....	May 1-July 31.....	6		
Ellis County.....	July 1-31.....	3		
Ellsworth County.....	Apr. 1-30.....	1		
Finney County.....	Apr. 1-30.....	2		
Ford County.....	June 1-30.....	1		
Graham County.....	Apr. 1-May 31.....	6		
Greenwood County.....	Apr. 1-June 30.....	56		
Harper County.....	May 1-June 30.....	3		
Harvey County.....	Apr. 1-June 30.....	22		
Hodgeman County.....	July 1-31.....	1		
Jewell County.....	May 1-June 30.....	21		
Kearny County.....	Apr. 1-May 31.....	5		
Kingman County.....	Apr. 1-June 30.....	4		
Labette County—				
Parsons.....	Apr. 1-July 31.....	12		
Lane County.....	May 1-31.....	2		
Leavenworth County.....	Apr. 1-May 31.....	8		
Leavenworth.....	May 1-June 30.....	2		
Lyon County.....	June 1-Aug. 31.....	13		
Marion County.....	July 1-31.....	1		
McPherson County.....	May 1-June 30.....	14		
Miami County.....	Apr. 1-May 31.....	2		
Marshall County.....	Aug. 1-Sept. 30....	3	1	
Montgomery County.....	Apr. 1-Aug. 31.....	64	2	
Coffee Blk.....	Apr. 1-June 30.....	12		
Nehama County.....	July 1-31.....	2		
Neosho County.....	May 1-July 31.....	38		
Norton County.....	Apr. 1-Aug. 31.....	56		
Osage County.....	Apr. 1-May 31.....	6		
Osborne County.....	Apr. 1-June 30.....	33		
Pawnee County.....	Apr. 1-30.....	3		
Phillips County.....	May 1-31.....	6		
Pratt County.....	June 1-July 31.....	2		
Rawlins County.....	June 1-30.....	1		
Reno County.....	Apr. 1-June 30.....	23	3	
Riley County.....	Apr. 1-May 31.....	5		
Rush County.....	Apr. 1-30.....	3		
Saline County.....	Apr. 1-Aug. 31.....	22		
Scott County.....	Apr. 1-May 31.....	5		
Sedgwick County.....	Apr. 1-May 31.....	7		
Wichita.....	Apr. 1-July 31.....	52		
Seward County.....	May 1-31.....	2		
Shawnee County.....	June 1-30.....	1		
Topeka.....	July 1-31.....	7		
Sheridan County.....	Apr. 1-30.....	1		
Sherman County.....	May 1-31.....	1		
Stafford County.....	June 1-July 31.....	4		
Sumner County.....	May 1-Sept. 30....	5		
Thomas County.....	Apr. 1-May 31.....	2	1	
Trego County.....	June 1-30.....	1		
Wallace County.....	June 1-30.....	1		
Wyandotte County.....	Apr. 1-30.....	4		
Kansas City.....	Apr. 1-Aug. 31.....	59		
Total for State.....		773	8	
<b>*Kentucky:</b>				
Covington.....	June 26-July 2....	1		
Total for State.....		1		

## SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from June 25 to December 2, 1910.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>*Louisiana:</b>				
Avoyelles Parish.....	June 1-30.....	12		The last report received from the Louisiana state board of health was for the month of June.
Calcasieu Parish.....	June 1-30.....	2		
Iberia Parish.....	June 1-30.....	19		
Orleans Parish.....	June 1-30.....			
New Orleans.....	June 12-Nov. 18.....	124	1	
St. John Parish.....	June 1-30.....	10		
St. Tammany Parish.....	June 1-30.....	2		
Tangipahoa Parish.....	June 1-30.....	25		
Vermilion Parish.....	June 1-30.....	30		
Total for State.....		224	1	
<b>Maine:</b>				
Biddeford.....	June 1-Oct. 31.....			No cases.
Mapleton.....	May 1-31.....	1		
Total for State.....	Nov. 12.....	1		
<b>Maryland:</b>				
Allegany County—				Do.
Cumberland.....	May 1-July 31.....	2		
Total for State.....		2		
<b>Massachusetts:</b>				
Middlesex County.....	Aug. 1-Oct. 31.....			Do.
Suffolk County.....	July 1-31.....	1		
Total for State.....	June 1-July 31.....	8		
<b>Michigan:</b>				
St. Clair County.....	May 1-31.....	43		Reported out of date
Alcona County.....	June 1-30.....	1		
Arenac County.....	June 1-30.....	2		
Baraga County.....	Aug. 1-31.....	5		Estimated 12 to 15 cases.
Bay County.....	June 1-Oct. 31.....	11	2	
Benzie County.....	Sept. 1-Oct. 31.....	3		
Berrien County.....	July 1-Aug. 31.....	2		
Charlevoix County.....	Oct. 1-31.....	4		
Cheboygan County.....	June 1-Oct. 31.....	35		
Clare County.....	June 1-July 31.....	12		
Crawford County.....	Oct. 1-31.....			
Emmet County.....	Aug. 1-Sept. 30.....	7		
Eaton County.....	June 1-30.....	7		
Genesee County.....	June 1-Oct. 31.....	59		
Grand Traverse County.....	July 1-Aug. 31.....	6		
Gratiot County.....	June 1-Oct. 31.....	13		
Houghton County.....	June 1-30.....	3		
Huron County.....	June 1-July 31.....	12		
Ingham County.....	June 1-Aug. 31.....	10		
Ionia County.....	June 1-Aug. 31.....	7		
Isabella County.....	June 1-Oct. 31.....	5		
Kalamazoo County.....	June 1-July 31.....	8		
Kent County.....	June 1-30.....	17		
Keweenaw County.....	July 1-31.....	1		
Lake County.....	Oct. 1-31.....	1		
Lapeer County.....	June 1-Oct. 31.....	18	1	
Livingston County.....	June 1-Oct. 31.....	18		
Manistee County.....	June 1-Sept. 30.....	13	1	
Marquette County.....	June 1-30.....	1		
Mason County.....	June 1-Aug. 31.....	11		
Mecosta County.....	June 1-Aug. 31.....	7		
Midland County.....	June 1-July 31.....	11		
Missaukee County.....	June 1-Oct. 31.....	17		
Monroe County.....	June 1-30.....	2		
Montcalm County.....	July 1-31.....	1		
Muskegon County.....	June 1-30.....	2		
Newaygo County.....	June 1-30.....	2		
Oscoda County.....	June 1-Sept. 30.....	7		
Ottawa County.....	June 1-30.....	1		
Roscommon County.....	June 1-30.....	4		
Saginaw County, exclusive of Saginaw.....	June 1-Oct. 31.....	47		
Saginaw.....	Oct. 1-31.....	70	19	
St. Clair County.....	June 1-Aug. 31.....	55		

## SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from June 25 to December 2, 1910.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Michigan—Continued.</b>				
Sanilac County.....	June 1-July 31....	3	.....	
Shiawassee County.....	June 1-Aug. 31....	54	.....	
Tuscola County.....	June 1-Aug. 31....	23	.....	
Wayne County.....	June 1-Oct. 31....	20	.....	
Total for State.....		661	23	
<b>Minnesota, general.</b>				
Pope County.....	Nov. 1-30.....	.....	1	
Rice County.....	Apr. 1-30.....	.....	1	} Received out of date.
Beltrami County.....	Mar. 1-31.....	.....	1	
Blue Earth County.....	May 26-June 5....	4	.....	
Brown County.....	June 6-12.....	1	.....	
Carver County.....	Aug. 1-7.....	1	.....	
Faribault County.....	June 13-July 10..	2	.....	
Hennepin County.....	May 26-Aug. 14..	3	.....	
Kittson County.....	May 26-Oct. 23..	71	.....	
Koochiching County.....	June 6-19.....	2	.....	
Lesueur County.....	May 26-June 5....	6	.....	
Meeker County.....	June 13-19.....	32	.....	
Mower County.....	June 6-12.....	1	.....	
Nicollet County.....	July 11-Oct. 23..	7	.....	
Ramsey County.....	Aug. 12-18.....	1	.....	
Renville County.....	June 13-Oct. 23..	40	.....	
Rice County.....	June 6-12.....	1	.....	
St. Louis County.....	May 26-July 10..	2	.....	
Stearns County.....	May 26-Aug. 28..	13	1	
Steele County.....	June 20-26.....	1	.....	
Todd County.....	June 6-19.....	2	.....	
Wabasha County.....	Oct. 24-30.....	1	.....	
Washington County.....	June 13-26.....	2	.....	
Watsonwan County.....	Sept. 11.....	1	.....	
Wright County.....	Sept. 5-11.....	1	.....	
	July 4-Oct. 23....	3	.....	
Total for State.....		198	4	
<b>*Mississippi:</b>				
Marshall County.....	Sept. 25-Oct. 1....	1	.....	
Natchez.....	July 24-30.....	5	.....	
Yazoo City.....	Sept. 25-Oct. 1....	1	.....	
Total for State.....		7	.....	
<b>*Missouri:</b>				
Andrew County.....	June 26-Oct. 8....	11	.....	
Kansas City.....	May 15-Aug. 20....	36	.....	
St. Louis.....	June 12-Nov. 5....	10	.....	
Total for State.....		57	.....	
<b>Montana:</b>				
Beaverhead County.....	June 1-Sept. 30....	2	.....	
Cascade County.....	June 1-30.....	1	.....	
Custer County.....	Apr. 1-30.....	.....	1	
Dawson County.....	June 1-Aug. 31....	14	.....	
Fergus County.....	June 1-July 31....	8	.....	
Flathead County.....	June 1-30.....	1	.....	
Meagher County.....	June 1-30.....	1	.....	
Park County.....	June 1-Aug. 31....	2	.....	
Rosebud County.....	June 1-Aug. 31....	4	.....	
Silver Bow County.....	June 1-Sept. 30....	17	.....	
Butte.....	June 1-Sept. 30....	51	.....	
Teton County.....	July 1-31.....	2	.....	
Yellowstone County.....	June 1-30.....	2	.....	
Total for State.....		105	1	
<b>*Nebraska:</b>				
Lincoln.....	Apr. 1-July 31....	31	.....	
South Omaha.....	June 1-30.....	3	.....	
Total for State.....		34	.....	
<b>New Hampshire.....</b>				
Mar. 1-Oct. 31....				No cases.
<b>New Jersey:</b>				
Cumberland County.....	June 1-Aug. 31....	7	.....	
Total for State.....		7	.....	

## SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from June 25 to December 2, 1910.

Place.	Date.	Cases.	Deaths.	Remarks.
New York, general.....	June 1-Sept. 30....	63	3	
Erie County—				
Buffalo.....	May 1-31.....	1		
Tonawanda Township.	May 1-31.....	2		
Niagara County—				
Niagara Falls.....	May 1-31.....	1		
North Tonawanda.....	May 1-31.....	1		
St. Lawrence County.....	May 1-31.....	19		
Schenectady County.....	May 1-31.....	2		
Total for State.....		89	3	
North Carolina:				
Forsyth County.....	Feb. 1-28.....		1	Received out of date.
Rowan County.....	Feb. 1-28.....		1	
Alamance County.....	Mar. 1-July 31.....	42		
Alexander County.....	Mar. 1-June 30.....	75		
Anson County.....	Apr. 1-July 31.....	11		
Ashe County.....	Mar. 1-31.....	12		
Beaufort County.....	Mar. 1-Oct. 31.....	9		
Bladen County.....	Apr. 1-July 31.....	29		
Brunswick County.....	July 1-31.....	2		
Buncombe County.....	June 1-July 31.....	2		
Cabarrus County.....	Mar. 1-July 31.....	16		
Caldwell County.....	Mar. 1-Sept. 30.....	14	1	
Catawba County.....	Mar. 1-June 30.....	42		
Chatham County.....	Mar. 1-July 31.....	19		
Chowan County.....	Mar. 1-31.....	3		
Cleveland County.....	June 1-30.....			Few cases.
Columbus County.....	Apr. 1-Oct. 31.....	39		
Craven County.....	Mar. 1-31.....	1		
Cumberland County.....	Sept. 1-Oct. 31.....	4		
Currituck County.....	Mar. 1-June 30.....	23		
Davidson County.....	Mar. 1-July 31.....	15		
Davie County.....	Mar. 1-31.....	8		
Durham County.....	Mar. 1-Sept. 30.....	34		
Edgecombe County.....	June 1-Oct. 31.....	41		
Forsyth County.....	Mar. 1-Aug. 31.....	29		
Franklin County.....	Mar. 1-Sept. 30.....	17		
Gaston County.....	Mar. 1-July 31.....	14	2	
Graham County.....	Mar. 1-Apr. 30.....	8		
Greene County.....	Mar. 1-June 30.....	20		
Gulford County.....	Mar. 1-Aug. 31.....	69		
Halifax County.....	Mar. 1-31.....	40		
Haywood County.....	July 1-Aug. 31.....	10		
Henderson County.....	May 1-June 30.....	6		
Hertford County.....	Mar. 1-31.....	1		Several cases in May. Several cases in March.
Iredell County.....	June 1-July 31.....	26		
Johnson County.....	Apr. 1-May 31.....	4		
Jones County.....	Mar. 1-31.....	1		
Lee County.....	Mar. 1-June 30.....	6		
Lenoir County.....	Mar. 1-June 30.....	19		
Lincoln County.....	Mar. 1-July 31.....	4		
Madison County.....	Apr. 1-30.....	5		
Martin County.....	Apr. 1-Oct. 31.....	8		
Mecklenburg County.....	Mar. 1-Aug. 31.....	36		
Mitchell County.....	Aug. 1-Sept. 30.....			Present.
Montgomery County.....	Mar. 1-Aug. 31.....	54		
Nash County.....	Mar. 1-Aug. 31.....	56		
New Hanover County.....	Mar. 1-Oct. 31.....	67		
Onslow County.....	Mar. 1-May 31.....	5		
Orange County.....	Mar. 1-Oct. 31.....	52		
Pamlico County.....	Mar. 1-Aug. 31.....	6		
Pender County.....	Aug. 1-Sept. 30.....	8		
Perquimans County.....	May 1-Oct. 31.....	8		
Person County.....	May 1-July 31.....	7		
Pitt County.....	Mar. 1-Oct. 31.....	136		
Polk County.....	Mar. 1-31.....	7		
Richmond County.....	Apr. 1-30.....	2		
Robeson County.....	Apr. 1-Oct. 31.....	53		
Rockingham County.....	Mar. 1-31.....	48		
Rowan County.....	Mar. 1-July 31.....	45	1	
Sampson County.....	May 1-Sept. 30.....	4		
Scotland County.....	May 1-Oct. 31.....	8		
Stanly County.....	Apr. 1-July 31.....	35		
Stokes County.....	Mar. 1-31.....	64		
Surry County.....	Mar. 1-31.....	4		
Union County.....	Mar. 1-Oct. 31.....	42		
Vance County.....	Apr. 1-30.....	4		
Wake County.....	Apr. 1-May 31.....	22		
Warren County.....	Apr. 1-Aug. 31.....	28		

## SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from June 23 to December 2, 1910.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>North Carolina—Continued.</b>				
Washington County.....	Mar. 1-Apr. 30.....	4	.....	Few cases in June.
Watauga County.....	Apr. 1-Aug. 31.....	36	.....	
Wayne County.....	Apr. 1-May 31.....	6	.....	
Wilkes County.....	Mar. 1-July 31.....	39	.....	
Wilson County.....	Mar. 1-June 30.....	25	1	
Yancey County.....	Mar. 1-31.....	26	.....	
Total for State.....		1,665	7	
<b>North Dakota:</b>				
Bottineau County.....	Oct. 1-31.....	2	1	
Bowman County.....	Aug. 1-31.....	37	.....	
Cass County.....	June 1-Sept. 30.....	4	.....	
Cavalier County.....	June 1-30.....	1	.....	
Grand Forks County.....	June 1-10.....	4	.....	
Logan County.....	June 1-30.....	1	.....	
McKenzie County.....	June 1-30.....	1	.....	
Morton County.....	July 1-31.....	4	.....	
Nelson County.....	Oct. 1-31.....	1	.....	
Pierce County.....	June 1-30.....	1	.....	
Stark County.....	July 1-31.....	1	.....	
Steele County.....	Sept. 1-30.....	1	.....	
Stutsman County.....	Aug. 1-31.....	1	.....	
Traill County.....	June 1-30.....	6	.....	
Ward County.....	June 1-30.....	4	.....	
Total for State.....		69	1	
<b>Ohio:</b>				
Allen County.....	June 1-30.....	3	.....	
Athens County.....	July 1-31.....	1	.....	
Butler County.....	June 1-July 31.....	4	.....	
Clarke County.....	July 1-31.....	3	.....	
Clinton County.....	June 1-30.....	10	.....	
Columbiana County.....	June 1-July 31.....	6	.....	
Cuyahoga County.....	June 1-July 31.....	16	1	
Fairfield County.....	June 1-30.....	1	.....	
Franklin County.....	June 1-Sept. 30.....	12	.....	
Hamilton County.....	June 1-Sept. 30.....	2	.....	
Hancock County.....	July 1-31.....	4	.....	
Hocking County.....	June 1-July 31.....	26	.....	
Jackson County.....	Sept. 1-30.....	3	.....	
Jefferson County.....	July 1-31.....	1	.....	
Lucas County.....	June 1-Sept. 30.....	8	.....	
Madison County.....	Oct. 1-31.....	7	.....	
Mahoning County.....	July 1-31.....	1	.....	
Marion County.....	July 1-31.....	1	.....	
Perry County.....	June 1-30.....	1	.....	
Pickaway County.....	June 1-30.....	1	.....	
Portage County.....	June 1-30.....	7	.....	
Ross County.....	June 1-Sept. 30.....	74	.....	
Seneca County.....	July 1-Oct. 31.....	4	.....	
Scioto County.....	June 1-30.....	2	.....	
Stark County.....	June 1-Oct. 31.....	30	.....	
Summit County.....	July 1-31.....	5	.....	
Wayne County.....	June 1-30.....	2	.....	
Wood County.....	June 1-30.....	2	.....	
Total for State.....		237	1	
<b>Oklahoma, general.</b>				
Canadian County.....	Jan. 1-31.....	.....	1	Reported out of date.
Comanche County.....	Apr. 1-30.....	.....	1	
Grady County.....	Apr. 1-30.....	.....	3	
Oklahoma County.....	Apr. 1-30.....	.....	1	
Pottawatomie County.....	Apr. 1-30.....	.....	4	
Atoka County.....	May 1-31.....	20	.....	
Beckham County.....	May 1-31.....	2	.....	
Blaine County.....	May 1-31.....	8	.....	
Bryan County.....	Aug. 1-31.....	25	.....	
Caddo County.....	May 1-Aug. 31.....	6	.....	
Canadian County.....	May 1-Aug. 31.....	18	1	
Choctaw County.....	May 1-31.....	1	.....	
Coal County.....	May 1-31.....	5	.....	
Comanche County.....	May 1-31.....	4	1	
Custer County.....	May 1-31.....	9	.....	
Garvin County.....	May 1-31.....	1	.....	
Grady County.....	May 1-Aug. 31.....	13	7	
Haskell County.....	May 1-31.....	7	.....	
Hughes County.....	May 1-31.....	42	.....	

## SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from June 25 to December 2, 1910.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Oklahoma—Continued.</b>				
Jefferson County.....	May 1-31.....	3		
Kiowa County.....	May 1-31.....	1		
Lincoln County.....	May 1-31.....	4		
McLain County.....	May 1-31.....	9		
McIntosh County.....	May 1-31.....	11		
Murray County.....	May 1-31.....	1		
Muskogee County.....	May 1-31.....	5		
Noble County.....	May 1-31.....	8		
Nowata County.....	May 1-Aug. 31.....	9		
Okfuskee County.....	May 1-31.....	1		
Oklahoma County.....	May 1-Aug. 31.....	3	1	
Oklmulgee County.....	May 1-31.....	2		
Pawnee County.....	May 1-31.....	4		
Payne County.....	May 1-31.....	10		
Pittsburg County.....	May 1-Aug. 31.....	6	2	
Pontotoc County.....	May 1-31.....	12		
Seminole County.....	May 1-Aug. 31.....	3		
Sequoyah County.....	Aug. 1-31.....	1		
Texas County.....	May 1-31.....	4		
Tillman County.....	May 1-Aug. 31.....	3		
Tulsa County.....	May 1-Aug. 31.....	3	1	
Washita County.....	May 1-31.....	1		
Total for State.....		265	25	
<b>Oregon:</b>				
Baker County.....	May 1-31.....	1		
Benton County.....	May 1-31.....	2		
Jackson County.....	Sept. 1-30.....	1		
Linn County.....	June 1-30.....	2		
Multnomah County.....	Apr. 1-Sept. 30.....	21		
Umatilla County.....	May 1-31.....	1		
Union County.....	May 1-31.....	2		
Wasco County.....	Apr. 1-30.....	2		
Washington County.....	Apr. 1-June 30.....	3		
Yamhill County.....	Apr. 1-June 30.....	15		
Total for State.....		50		
<b>Pennsylvania, general.</b>				
	Apr. 1-30.....		2	
	May 1-Sept. 30.....	62	4	
Total for State.....		62	6	
<b>*South Carolina:</b>				
Charleston.....	June 1-July 31.....	28		
Total for State.....		28		
<b>*Tennessee:</b>				
Benton County—				
Camden.....	July 1-7.....	2		
Davidson County—				
Nashville.....	June 12-July 9.....	2		
Hamilton County—				
Chattanooga.....	June 12-Oct. 8.....	5		
Knox County—				
Knoxville.....	June 12-July 16.....	8		
Shelby County exclusive of Memphis.....	May 1-Oct. 31.....	52		
Memphis.....	June 12-Oct. 15.....	9		
Total for State.....		78		
<b>Texas, general.</b>				
	Apr. 1-July 31.....	881	27	
Total for State.....		881	27	
<b>Utah, general.</b>				
Boxelder County.....	Mar. 1-31.....	112		
Cache County.....	May 1-31.....	1		
Davis County.....	May 1-31.....	6		
Davis County.....	May 1-July 31.....	43		
Juab County.....	June 1-July 31.....	3		
Salt Lake County.....	May 1-Sept. 30.....	36	1	
Utah County.....	May 1-Sept. 30.....	49		
Wasatch County.....	Aug. 1-31.....	1		
Weber County.....	May 1-Sept. 30.....	26		
Total for State.....		277	1	

Report received out of date.



## SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from June 25 to December 2, 1910.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>*Virginia:</b>				
Alexandria.....	Aug. 25.....	.....	.....	One case from the schooner Persis A. Colwell, from Gaspe, Quebec.
Lynchburg.....	June 12-18.....	1	.....	
Total for State.....	.....	1	.....	
<b>Washington, general.</b>				
Adams County.....	Feb. 1-Mar. 31.....	.....	4	Reports for April and May received out of date.
.....	Apr. 1-June 30.....	11	.....	
.....	.....	.....	.....	
Asotin County.....	Apr. 1-30.....	1	.....	
Chehalis County.....	June 1-30.....	3	.....	
Chelan County.....	Apr. 1-June 30.....	2	.....	
Clarke County.....	Apr. 1-May 31.....	5	.....	
Clallam County.....	May 1-31.....	.....	4	
Cowlitz County.....	May 1-31.....	1	.....	
King County.....	Apr. 1-May 31.....	2	.....	
Seattle.....	Apr. 1-May 31.....	20	.....	
Kitsap County.....	Apr. 1-30.....	15	.....	
Kittitas County.....	May 1-31.....	4	.....	
Lincoln County.....	Apr. 1-May 31.....	2	.....	
Okanogan County.....	May 1-31.....	.....	2	
Pierce County—	.....	.....	.....	
Tacoma.....	Apr. 30 Sept. 30.....	5	.....	
Skagit County.....	July 1-31.....	2	.....	
Skamania County.....	Apr. 1-30.....	4	.....	
Snohomish County.....	Apr. 1-30.....	1	.....	
Everett.....	June 1-30.....	5	.....	
Spokane County.....	July 1-31.....	2	.....	
Spokane.....	Apr. 1-Sept. 30.....	62	.....	
Stevens County.....	May 1-31.....	1	.....	
Thurston County.....	Aug. 1-31.....	1	.....	
Walla Walla County.....	Apr. 1-Oct. 31.....	2	.....	
Whatcom County.....	Apr. 1-May 31.....	17	.....	
Whitman County.....	Apr. 30-July 31.....	16	.....	
Yakima County.....	May 1-Aug. 31.....	10	1	
Total for State.....	.....	194	11	
<b>Wisconsin:</b>				
Ashland County.....	June 1-Aug. 31.....	17	.....	
Barron County.....	June 1-30.....	1	.....	
Brown County.....	July 1-31.....	5	.....	
Douglas County.....	June 1-July 31.....	3	.....	
Dunn County.....	July 1-31.....	1	.....	
Eau Claire County.....	June 1-July 31.....	4	.....	
Florence County.....	June 1-30.....	4	.....	
Fond du Lac County.....	July 1-31.....	1	.....	
Grant County.....	Sept. 1-30.....	1	.....	
Greene County.....	Sept. 1-Oct. 31.....	5	.....	
Iowa County.....	Sept. 1-Oct. 31.....	11	.....	
Kenosha County.....	July 1-31.....	1	.....	
Lafayette County.....	June 1-30.....	1	.....	
La Crosse County.....	June 1-Oct. 31.....	3	.....	
Milwaukee County.....	July 1-Oct. 31.....	16	.....	
Pierce County.....	July 1-31.....	1	.....	
Polk County.....	July 1-Aug. 31.....	6	.....	
Rock County.....	Oct. 1-31.....	1	.....	
Rush County.....	June 1-30.....	1	.....	
St. Croix County.....	July 1-31.....	5	.....	
Sawyer County.....	June 1-Sept. 30.....	11	.....	
Waupaca County.....	June 1-Sept. 30.....	5	.....	
Winnebago County.....	July 1-31.....	1	.....	
Total for State.....	.....	105	.....	
Grand total for the United States.....	.....	7,020	126	



## CHOLERA IN THE UNITED STATES.

Place.	Date.	Cases.	Deaths.	Remarks.
New York: New York.....	Sept. 26-29.....	1	1	Case in immigrant removed at quarantine from s. s. Germania from Marseille and Naples.

## PLAGUE IN THE UNITED STATES.

Reports Received from June 25 to December 2, 1910.

Place.	Date.	Cases.	Deaths.	Remarks.
California: San Benito County— Hollister.....	June 5-11.....	1	1	
Santa Clara County— San Jose.....	Sept. 5.....	1		

## WEEKLY MORBIDITY AND MORTALITY TABLE, CITIES OF THE UNITED STATES, FOR WEEK ENDED NOVEMBER 19.

[For smallpox and plague see special tables.]

Cities.	Total deaths from all causes.	Tuber- culosis.		Ty- phoid fever.		Scarlet fever.		Diph- theria.		Measles.		Whoop- ing cough.	
		Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Altoona, Pa.....	11			1				4					
Auburn, N. Y.....	9							1		4			
Aurora, Ill.....	12							2					
Baltimore, Md.....	192	41	27	72	4	23	1	22	3	31	1	9	
Bayonne, N. J.....						1		5					
Bedford, Ind.....						1		1					
Bennington, Vt.....	3			1		1		3					
Berkeley, Cal.....	8		1					1		1			
Biddeford, Me.....	3					1		1					
Binghamton, N. Y.....	10		2							1			
Boston, Mass.....	211	50	18	9	4	19		42		22		8	
Braddock, Pa.....	5					1		2					
Brockton, Mass.....	8	2	1	2	1	3		1		14		1	
Butler, Pa.....	4	2						2	1				
Cambridge, Mass.....	34	3	6							10		2	
Cambridge, Ohio.....				4		2						2	
Camden, N. J.....				1		5		6		17		3	
Camden, S. C.....	3												
Canton, Ohio.....	15		1					3					
Carbondale, Pa.....	4												
Charlotte, N. C.....	12		1	1				2	1	2			
Chattanooga, Tenn.....		2		1		4	1	2					
Chelsea, Mass.....	9	2	1					1		1			
Chicago, Ill.....	632	94	74	94	14	138	7	265	27	37		21	
Chicopee, Mass.....	7												
Cincinnati, Ohio.....	111	18	15	2		20	1	12	1				
Cleveland, Ohio.....	138	34	19	15	3	25		40	4			5	
Clinton, Mass.....	2					1		1					
Coffeyville, Kans.....	2	1		2		3							
Columbus, Ga.....	9												
Columbus, Ind.....	3				1	2							
Columbus, Ohio.....	52	9	4	3	1	2		2				2	
Concord, N. H.....	14		1										
Covington, Ky.....	18	1	3			1		8					
Cumberland, Md.....	12		1	18	1								
Danville, Ill.....	5					3							
Dayton, Ohio.....	39		2			3	1	5	1	1			
Detroit, Mich.....	145				1	20		32	3				
Dubuque, Iowa.....				1				5					
Duluth, Minn.....	23	2	1	12	1	2		8	1				

*Weekly morbidity and mortality table, cities of the United States, for week ended  
November 19—Continued.*

Cities.	Total deaths from all causes.	Tuber- culosis.		Ty- phoid fever.		Scarlet fever.		Diph- theria.		Measles.		Whoop- ing cough.	
		Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Dunkirk, N. Y.	5			5		7	1	2	1				
Elizabeth, N. J.	13		3			1		3					
Elmira, N. Y.	13			1		3		3					
El Paso, Tex.	23	1	7	6	1								
Erie, Pa.	18	3		4	1	7	1	3				1	
Evansville, Ind.	20			2	1	3		4	1				
Everett, Mass.	7		1					1					
Fall River, Mass.	34	15	1	14	1	7		4				3	
Freeport, Ill.	3							1					
Galesburg, Ill.	7									11			
Gloucester, Mass.	9				1								
Grand Rapids, Mich.	28	3	1	4	3	9		3		53		2	
Greensboro, N. C.	9		2	1		1		1					
Harrison, N. J.	7	4	1					7		1			
Hartford, Conn.	32			1		6		7					1
Haverhill, Mass.	12		2			3		4					
Hoboken, N. J.						2		2		4			
Homestead, Pa.	4			3						1		2	
Hyde Park, Mass.	8		1	1				2		2			
Jacksonville, Fla.	31	1	5	4	1					1			
Jersey City, N. J.	97		6			8	4	18		27	1		1
Johnstown, Pa.	13			7				5	1	2			
Kalamazoo, Mich.	22		1	3		6		49				1	
Kansas City, Kans.	29		3	9	1	1		2	1	1		1	
Kearny, N. J.	7			1						13			
Kingston, N. Y.	9												
Knoxville, Tenn.	10		1			1				19			
La Crosse, Wis.	2					7		1		2			
La Fayette, Ind.	6												
Lancaster, Pa.	13							3		1			
Lawrence, Mass.	25	3	3	2		2	1	1					1
Lebanon, Pa.	5					1		8					
Lexington, Ky.	8					1				1			
Los Angeles, Cal.	88	16	14	7		14		15	1				
Lowell, Mass.	42	1	2	4		9		3					1
Lynchburg, Va.						1		12					
Lynn, Mass.	27	2		1		3		4	1	7			
Malden, Mass.	9	2		1		2							
Manchester, N. H.	23	2	2	1		1		2	1	1			
Manistee, Mich.										1			
Manitowoc, Wis.	1												
Marinette, Wis.	0												
Marlboro, Mass.	2					1							
Massillon, Ohio.	1												
Medford, Mass.	3												
Milwaukee, Wis.	82	22	8	15	1	32		29	4	2		7	
Mobile, Ala.	36		4	1	1	4							
Moline, Ill.	8			2	1			6	1				
Montclair, N. J.	5	2				1		1		1			
Montgomery, Ala.			2			10		1					
Morristown, N. J.	5			2		2		3					
Mount Vernon, N. Y.	5							4					
Muskegon, Mich.				1	1								
Nanticoke, Pa.	5		1			1		1		1			
Nashville, Tenn.	44	4	6	1	2	6		2	1	1			
New Bedford, Mass.	24	4	3	12		5		5		6			
Newburyport, Mass.	5												
New Orleans, La.	149	29	16	10	1	26		25	1	8			
Newport, Ky.	8	1	1					3					
Newton, Mass.	7			2				1					
New York, N. Y.	1,264	495	155	134	15	135	6	264	21	116	1	18	2
Niagara Falls, N. Y.	13	1				1		2	1				
Norristown, N. J.	9	1	1	1	1								
North Adams, Mass.	8		1							6			
Northampton, Mass.	7	1											
Orange, N. J.	13					1		1					
Ottumwa, Iowa.	14												
Paducah, Ky.	9		1					1					
Palmer, Mass.	2		1					1	1				
Pekskill, N. Y.	7				1			3		3			
Pittsburg, Pa.	158	22	13	13		17	2	35	2	3		12	1
Pittsfield, Mass.	5	1		4		1				24			
Plainfield, N. J.	10	3	2	1		1		1		4			
Portland, Me.	21		1	3		1		3					

*Weekly morbidity and mortality table, cities of the United States, for week ended November 19—Continued.*

Cities.	Total deaths from all causes.	Tuberculosis.		Typhoid fever.		Scarlet fever.		Diphtheria.		Measles.		Whooping cough.	
		Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Portsmouth, N. H.	12							4					
Portsmouth, Va.	8							1					
Pottstown, Pa.	68	9	5	1	1	13	1	7				4	2
Providence, R. I.	38	1	2	10		3		11	1	2		4	
Reading, Pa.	6	1						3					
Rock Island, Ill.	237	32	15	34	6	29	7	42	3	39		7	1
St. Louis, Mo.	32	1	1	6	1	4		17	4				
Salt Lake City, Utah	2		2	3		1							
San Antonio, Tex.	7												
Sandusky, Ohio.	15	1	1	1				8		1		3	
Schenectady, N. Y.	46	13	6	5	2	2		4	1	11		1	
Seattle, Wash.	22	4		1		1		5					
Somerville, Mass.	14			3				2					
South Bend, Ind.	2	1		3						1			
South Bethlehem, Pa.	26	13	1	2				6	1	1			
Springfield, Mass.	6	1						4	1				
Steelton, Pa.	16		5		4	3		1					
Superior, Wis.	18							1	1				
Tacoma, Wash.	17					7		3					
Taunton, Mass.	18		2			7		6	1				
Terre Haute, Ind.	47	2	1	1	13			16	1	6			
Toledo, Ohio.	1												
Topeka, Kans.	3	3	1	11	2	3		4					
Trenton, N. J.	6							2	1	2			
Waltham, Mass.	132	21	16	5	2	2		19	1	1		9	1
Washington, D. C.	1												
Weymouth, Mass.	17			1				14	1				
Wichita, Kans.	20	2	2	2		2		4		1			
Wilkes-Barre, Pa.	8	2	1	1		1		1					
Wilkinsburg, Pa.	8		1	2		1							
Williamsport, Pa.	29		4		1			3					
Wilmington, Del.	2		1							3			
Woburn, Mass.	35	4	3	1		2	1	15	2	5			
Worcester, Mass.	20	5	5			8		7		2			
Yonkers, N. Y.	1			1		1		7				1	
York, Pa.	6		1	7		5							
Zanesville, Ohio.													

**STATISTICAL REPORTS OF MORBIDITY AND MORTALITY, STATES AND CITIES OF THE UNITED STATES (untabulated).**

**COLORADO.**—Three months ended September 30, 1910. Population 653,506. Total number of deaths from all causes 2,778, including typhoid fever 105, measles 11, scarlet fever 13, diphtheria 35, tuberculosis 454. Cases reported: Typhoid fever 1,105, smallpox 115, measles 214, scarlet fever 330, diphtheria 275.

**FLORIDA.**—Week ended November 19, 1910. Reports from the state board of health show typhoid fever present in 3 localities with 4 cases, smallpox in 5 counties (Duval, Escambia, Gadsden, Leon, Polk) with 22 cases, scarlet fever in 1 locality (Pensacola) with 1 case, diphtheria in 3 localities with 4 cases, malaria in 4 localities with 14 cases, tuberculosis in 4 localities with 7 cases.

**INDIANA.**—Month of September, 1910. Population 2,732,550. Total number of deaths from all causes 2,870, including typhoid fever 158, diphtheria 27, tuberculosis 334. Cases reported: Typhoid fever 800 cases in 83 counties, smallpox 1 case in Marion County, diphtheria 231 cases in 42 counties.

IOWA.—Month of October, 1910. Population 2,192,608. Total number of deaths from all causes 1,615, including typhoid fever 49, measles 3, scarlet fever 3, diphtheria 19, tuberculosis 128.

KENTUCKY—*Louisville*.—Month of October, 1910. Population 269,749. Total number of deaths from all causes 243, including typhoid fever 5, diphtheria 4, tuberculosis 37. Cases reported: Scarlet fever 25, diphtheria 51, tuberculosis, pulmonary, 32.

OKLAHOMA.—Month of September, 1910. Population 1,681,584. Total number of deaths from all causes 676, including typhoid fever 98, smallpox 2, scarlet fever 4, diphtheria 11, tuberculosis 37. Cases reported: Typhoid fever 551, smallpox 65, scarlet fever 46, diphtheria 124, tuberculosis 73.

OREGON.—Month of July, 1910. Population 515,540. Total number of deaths from all causes 440, including typhoid fever 6, diphtheria 6, tuberculosis 39. Cases reported: Typhoid fever 35, measles 60, scarlet fever 32, diphtheria 53, tuberculosis 19.

Month of August, 1910. Total number of deaths from all causes 504, including typhoid fever 20, scarlet fever 1, diphtheria 3, tuberculosis 38. Cases reported: Typhoid fever 85, measles 36, scarlet fever 28, diphtheria 49, tuberculosis 18.

Month of September, 1910.—Total number of deaths from all causes 443, including typhoid fever 17, scarlet fever 2, diphtheria 9, tuberculosis 30. Cases reported: Typhoid fever 90, smallpox 12, measles 24, scarlet fever 21, diphtheria 54, tuberculosis 27.

## FOREIGN AND INSULAR.

### CHOLERA ON STEAMSHIP ARAGUAYA.

The steamship *Araguaya* sailed from Southampton September 30 and arrived at Pernambuco via Cherbourg about October 20 with a history of cholera on board. Consul Griffith at Pernambuco stated that many deaths were reported as having occurred on the vessel en route among third-class passengers. Two passengers by the *Araguaya* who were transshipped at Pernambuco to the steamship *Manaos* for Para died en route to that port, and Consul Pickerell at Para reported October 22 the removal of two cholera cases from the *Manaos* on the arrival of that vessel at Para. The *Araguaya* proceeded to Buenos Aires, where arrangements had been made for disinfection of the vessel on her arrival, and sailed for Montevideo October 29, leaving that port November 10 for Southampton.

### ARABIA.

#### ADEN—Plague on Steamship Himalaya.

Consul Moser reports November 9:

Cases of plague are reported to have occurred on the steamship *Himalaya* bound from London to Bombay. The first cases developed between Gibraltar and Marseille. Three days after leaving Port Said 3 additional cases developed. These were landed at Aden October 23 and the vessel proceeded to Bombay.

### CANADA.

#### MANITOBA—Infantile Paralysis in Western Canada.

Consul General Jones reports November 2:

Infantile paralysis has made its appearance in western Canada. During the past few months, 15 cases in all have been reported at Edmonton, Alberta, the ages of the victims being as follows: 1 year old, 1; 2 years old, 5; 4 years old, 1; 5 years old, 4; 6 years old, 1; 8 years old, 1; 10 years old, 1; 20 years old, 1; total, 15.

During the outbreak there were but 2 deaths, the ages being 2 years and 5 years. Nine of the cases originated in the city of Edmonton, and the remaining 6 were in the country. No new cases have been reported during the past two months except that of a 2-year-old child. This case terminated fatally.

### DOMINICAN REPUBLIC.

#### SANTO DOMINGO—Trachoma among Immigrants.

Consul Russell reports, November 12:

Trachoma is very prevalent among Syrian immigrants who arrive on vessels from Marseille via Porto Rico. In one lodging house, in which there were 40 Syrians, 35 were found to be infected with trachoma. The health authorities have taken measures to prevent the landing of infected immigrants, and of 112 who arrived at Santo Domingo November 11 there were rejected for trachoma 80.

## HAWAII.

Last case of human plague at Honolulu occurred July 12, 1910.

The last plague-infected rat was found at Aiea, 9 miles from Honolulu, April 12, 1910.

At Hilo the last case of human plague occurred March 23, 1910.

The last plague-infected rat was found at Piihuona, 4 miles from Hilo, April 9, 1910.

Passed Asst. Surg. Ramus reports, November 14:

## HONOLULU.

Week ended November 12, 1910.

Total rats and mongoose taken.....	552
Rats trapped.....	514
Mongoose trapped.....	9
Rats shot from trees.....	29
Examined bacteriologically.....	493
Plague rats.....	0
Classification of rats trapped:	
<i>Mus alexandrinus</i> .....	95
<i>Mus musculus</i> .....	152
<i>Mus norvegicus</i> .....	57
<i>Mus rattus</i> .....	210
Classification of rats shot from trees:	
<i>Mus alexandrinus</i> .....	12
<i>Mus norvegicus</i> .....	4
<i>Mus rattus</i> .....	9
Average number of traps set daily.....	1,720

## INDIA.

## CALCUTTA—Cholera and Plague.

Acting Asst. Surg. Allan reports November 3:

During the week ended October 15 there were reported in Calcutta 12 deaths from cholera and 13 from plague; in all Bengal 97 cases of plague with 81 deaths; in all India 4,452 cases of plague with 3,229 deaths.

## ITALY.

## Status of Cholera.

Surgeon Geddings at Naples reports, November 14:

During the week ended November 12 cholera was reported in Italy as follows:

	Cases.	Deaths.
<i>Province of Naples.</i>		
Naples (city, Nov. 8).....	2	1
Fratta Maggiore.....	8	
Ponticelli.....	1	
	11	1
<i>Province of Caltanissetta.</i>		
Villarosa.....	1	
<i>Province of Caserta.</i>		
Aversa.....	1	1
Cancello Arnone.....	7	1
Casaluce.....	2	1
Castel Volturno.....	2	2
Formia.....	9	1
Frignano Maggiore.....	1	1



	Cases.	Deaths.
<i>Province of Caserta—Continued.</i>		
Frignano Piccolo.....	5	1
Itri.....	3	1
Maddaloni.....	3	1
San Cipriano.....	1	1
	34	10
<i>Province of Girgenti.</i>		
Portempodocle.....	3	1
<i>Province of Lecce.</i>		
Brindisi.....	1	
Massafra.....	1	1
Ostuni.....	1	
Squizzano.....		1
	3	2
<i>Province of Palermo.</i>		
Palermo (city), insane hospital.....	4	1
<i>Province of Perugia.</i>		
Fossato di Vico.....	2	
<i>Province of Rome.</i>		
Affile.....	1	
Filettino.....	1	
Piperno.....	3	
Sezze.....	2	
Subiaco.....	2	1
Sonnino.....	1	
Terracina.....	2	
Trevi Laziale.....	2	2
	14	3
<i>Province of Salerno.</i>		
Salerno.....	2	
Pagani.....	1	
	3	
<i>Province of Trapani.</i>		
Monte S. Giuliano.....	1	

The disease continues its invasion of new provinces and new communes in hitherto infected provinces.

Surg. Geddings reported December 1:

During the week ended November 29 no cholera was reported in Naples. In the rest of Italy 21 cases of cholera, with 2 deaths, were reported.

#### NAPLES—Examination of Emigrants—Smallpox.

Dr. Geddings reports:

*Vessels inspected at Naples and Palermo, week ended November 12.*

#### NAPLES.

Date.	Name of ship.	Destination.	Steerage passengers inspected and passed.	Pieces of baggage inspected and passed.	Pieces of baggage disinfected.
Nov. 7	Hamburg.....	New York.....	850	180	1,120
7	Sicilia.....	do.....			
9	Duca d'Aosta.....	do.....	572	160	890
11	König Albert.....	do.....	974	170	1,520
12	Madonna.....	do.....	753	190	980
12	Romanic.....	do.....	936	205	1,100
	Total.....		4,094	905	5,610

December 9, 1910

1808

*Vessels inspected at Naples Palermo, week ended November 12—Continued.*

## PALERMO.

Date.	Name of ship.	Destination.	Steerage passengers inspected and passed.	Pieces of baggage inspected and passed.	Pieces of baggage disinfected.
Nov. 6	Lazio.....	Boston.....	94	250	100
12	König Albert.....	New York.....	133	200	100
	Total.....		227	450	200

*Rejections recommended.*

## NAPLES.

Date.	Name of ship.	Trachoma.	Favus.	Suspected trachoma.	Other causes.	Total.
Nov. 7	Hamburg.....	25	1	6	7	39
7	Sicilia.....					
9	Duca d'Aosta.....	23	2	7	4	36
11	König Albert.....	33	2	17	8	60
12	Madonna.....	18		4	2	24
12	Romanic.....	6	2	3	6	17
	Total.....	105	7	37	27	176

## PALERMO.

Nov. 6	Lazio.....	5				5
12	König Albert.....	7		2	2	11
	Total.....	12		2	2	16

*Smallpox in Naples.*—During the week ended November 12 there were reported at the health office of Naples 10 cases of smallpox with 1 death.

## JAPAN.

*Cholera and plague.*

Acting Asst. Surg. Moore at Kobe reports November 4 and 9:

During the week ended October 29 there were reported in Kobe 82 cases of cholera with 47 deaths. During the week ended November 5 there were reported 12 cases of cholera with 12 deaths. The cholera situation at Kobe shows improvement. The total number of cases to November 5 is 362 with 195 deaths.

At Matsuyama 16 cases of plague were reported during the week ended November 5.

Sanitary Inspector Bowie at Nagasaki reports November 3 the occurrence of another case of cholera at Nagasaki. The case ended fatally.

## MADEIRA ISLANDS.

## FUNCHAL—Cholera.

The American chargé d'affaires at Lisbon, Portugal, reported, November 29, to the Department of State:

From November 17 to date 77 cases of cholera have been officially reported as occurring at Funchal.



## RUSSIA.

## ODESSA—Cholera Epidemic Terminated—Plague.

Consul Grout reports November 7 and 14:

There are no cholera cases in hospital and the epidemic of cholera in Odessa may be considered terminated. The total number of cases reported since the beginning of the outbreak is 604 with 340 deaths.

*Plague.*—On November 4 there were 11 cases of plague remaining in hospital.

During the week ended November 11 there was 1 new case of plague reported. At the close of the week there were 9 cases in hospital. From the beginning of the outbreak 134 cases with 39 deaths had been reported. Two cases of plague were reported in the village of Roksoliani in the county of Odessa, November 11.

## TURKEY.

## SALONIKI—Precautions Against Importation of Cholera.

Consul Horton reports November 7:

On account of the appearance of cholera at Adrianople, the sanitary commission of Saloniki has voted the following provisions:

Municipal physicians shall remain on all trains coming from Adrianople during the entire journey. No sick person shall be allowed to board the trains. Travelers from Adrianople shall be subjected to five days' surveillance. All mail from Adrianople shall be disinfected. Food products from Adrianople shall not be admitted into the vilayet of Saloniki. A disinfection depot shall be established at Drama. Houses shall be rented at the principal stations between Adrianople and Saloniki to harbor persons who show symptoms of cholera en route. Each train shall be furnished with a pharmacy for the use of the physicians. The railroad company must furnish only boiled water to the travelers. Quarantine will not at present be enforced.

## VENEZUELA.

## LA GUAIRA—Yellow Fever.

Acting Asst. Surg. Goldthwaite reports November 30:  
Yellow fever present.

## Plague at Caracas—Examination of Rats.

The American consul at La Guaira reports November 9:

During the week ended November 4 there were 10 cases of plague at Caracas. Of 144 rats examined 1 was found to be plague-infected. The rats were taken from various parts of the city.

## ZANZIBAR.

## ZANZIBAR—Smallpox—Examination of Rats.

Consul Weddell reports October 22:

During the two weeks ended October 16 there were reported 11 new cases of smallpox with 7 deaths. The total number of cases from June 8 to October 16 was 175, with 85 deaths; total number of vaccinations performed during the same period 23,256.

During the two weeks ended October 16, 2,307 rats were received and examined for plague infection. No plague-infected rats were found.

## CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX.

! Reports Received During Week Ended December 9, 1910.

[These tables include cases and deaths recorded in reports received by the Surgeon General, Public Health and Marine-Hospital Service, from American consuls through the Department of State and from other sources.]

## CHOLERA.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Austria-Hungary:</b>				
Hungary.....				Total for Hungary Oct. 30-Nov. 5, cases 23, deaths 13.
Laibach.....	Oct. 24.....	1		
<b>Brazil:</b>				
Para.....	Oct. 22.....	2		From s. s. Manaos, transhipped from s. s. Araguaya.
<b>India:</b>				
Bombay.....	Oct. 26-Nov. 1.....		2	
Calcutta.....	Oct. 9-15.....		12	
Madras.....	Oct. 22-28.....		4	
<b>Italy:</b>				Total for Italy Nov. 23-29, cases 21, deaths 2.
<b>Provinces:</b>				
Caltanissetta.....	Nov. 6-12.....	1	1	
Caserta.....	Nov. 6-12.....	34	10	
Girgenti.....	Nov. 6-12.....	3	1	
Lecce.....	Nov. 6-12.....	3	2	
Naples.....	Nov. 6-12.....	9		Exclusive of the City of Naples, previously reported.
Palermo—				
Palermo.....	Nov. 6-12.....	4	1	
Perugia.....	Nov. 6-12.....	2		
Rome.....	Nov. 6-12.....	14	3	
Salerno.....	Nov. 6-12.....	3		
Trapani.....	Nov. 6-12.....	1		
<b>Madeira:</b>				
Funchal.....	Nov. 16-29.....	77		
<b>Russia</b>				Total for Russia, Oct. 9-15, cases 679, deaths 353.
City of St. Petersburg.....	Oct. 9-15.....	58	24	
City of Cronstadt.....	Oct. 9-15.....	4	3	
<b>Government of—</b>				
St. Petersburg.....	Oct. 9-15.....	9	2	
Vologda.....	Oct. 9-15.....	2	1	
Olonetz.....	Oct. 9-15.....	2	2	
Livonia.....	Oct. 9-15.....	1		
Courland.....	Oct. 9-15.....	2		
Mohilev.....	Oct. 9-15.....	11	6	
Vitebsk.....	Oct. 9-15.....	47	25	
Smolensk.....	Oct. 9-15.....	3	1	
Podolia.....	Oct. 9-15.....	29	13	
Kieff.....	Oct. 9-15.....	59	28	
Kursk.....	Oct. 9-15.....	6	4	
Voronej.....	Oct. 9-15.....	17	10	
Tambov.....	Oct. 9-15.....	21	16	
Ryazan.....	Oct. 9-15.....	1	2	
Moscow.....	Oct. 9-15.....	1		
Yaroslav.....	Oct. 9-15.....		3	
Nijni-Novgorod.....	Oct. 9-15.....	6	3	
Kazan.....	Oct. 9-15.....	19	6	
Simbirsk.....	Oct. 9-15.....	36	20	
Samara.....	Oct. 9-15.....	116	52	
Saratov.....	Oct. 9-15.....	16	7	
Viatka.....	Oct. 9-15.....	3	1	
Orenburg.....	Oct. 9-15.....	67	37	
Yekaterinoslav.....	Oct. 9-15.....	11	10	
Tauride.....	Oct. 9-15.....	1	2	
Kherson.....	Oct. 9-15.....	6	4	
Black Sea.....	Oct. 9-15.....	2		
Tiflis.....	Oct. 9-15.....	5	1	
Erivan.....	Oct. 9-15.....	7	7	
Tobolsk.....	Oct. 9-15.....	11	4	
Tomsk.....	Oct. 9-15.....	5	2	
<b>Territory of—</b>				
The Don.....	Oct. 9-15.....	12	6	
Kuban.....	Oct. 9-15.....	4	1	
Terek.....	Oct. 9-15.....		1	
Trans-Caspia.....	Oct. 9-15.....	2		
Syr-Daria.....	Oct. 9-15.....	5	5	
Ferganah.....	Oct. 9-15.....	20	12	
Akmolinsk.....	Oct. 9-15.....	25	14	
Amur.....	Oct. 9-15.....	20	14	
<b>Prefecture of—</b>				
Odessa.....	Oct. 9-15.....	4	4	
Baku.....	Oct. 9-15.....	3		

## CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

## Reports Received During Week Ended December 9, 1910.

## CHOLERA—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Russia.....				Total for Russia, Nov. 16-22 cases 803, deaths 344
City of St. Petersburg.....	Nov. 16-22.....	86	23	
Government of—				
St. Petersburg.....	do.....	4	1	
Vologda.....	do.....	3		
Olonez.....	do.....	5	1	
Mohileff.....	do.....	5	6	
Vitebsk.....	do.....	31	15	
Podolia.....	do.....	24	5	
Kieff.....	do.....	50	17	
Chernigoff.....	do.....	1		
Poltava.....	do.....	1		
Kursk.....	do.....	3		
Voronej.....	do.....	30	20	
Tamboff.....	do.....	22	8	
Ryazan.....	do.....	1		
Tver.....	do.....	1		
Government of—				
Nijni-Novgorod.....	do.....	2	1	
Kazan.....	do.....	4	2	
Samara.....	do.....	91	38	
Simbirsk.....	do.....	6	9	
Saratoff.....	do.....	43	18	
Stavropol.....	do.....		1	
Orenburg.....	do.....	43	18	
Ekaterinoslav.....	do.....	9	3	
Kherson.....	do.....	20	7	
Tiflis.....	do.....	6	3	
Erivan.....	do.....	4	4	
Tobolsk.....	do.....		2	
Tomsk.....	do.....	8	7	
Territory of—				
The Don.....	do.....	4	3	
Kuban.....	do.....	8	8	
Syr-Daria.....	do.....	1	1	
Ferganah.....	do.....	9	6	
Akmolinsk.....	do.....	35	19	
Trans-Baikal.....	do.....	4	7	
Amur.....	do.....	30	19	
Eastern Siberia.....	do.....	196	76	Vladivostok, Nov. 5, present.
Prefecture of—				
Nikolaieff.....	do.....	1		
Odessa.....	do.....	2	1	
Baku.....	do.....	10	2	
Tripoli:				
Tripoli.....	Oct. 30-Nov. 12...	158	103	
Turkey:				
Adrianople.....	Nov. 7.....			Present.
Constantinople.....				In vicinity, Sept. 27-Oct. 23; cases 200; deaths 93, among troops. On s. s. Garb, 30 cases and 14 deaths.

## YELLOW FEVER.

Brazil:				
Manaos.....	Oct. 23-29.....	1	1	
Para.....	Oct. 30-Nov. 12...	23	14	
Venezuela:				
La Guaira.....	Dec. 3.....			Present.

## CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

## Reports Received During Week Ended December 9, 1910.

## PLAGUE.

Place.	Date.	Cases.	Deaths.	Remarks.
Arabia:				
Aden.....	Oct. 22-25.....	3	1	On s. s. Himalaya from London to Bombay.
Egypt:				
Provinces—				
Assiout.....	Oct. 7-Nov. 10....	23	6	
Garbieh.....	Oct. 5-21.....	22	6	
Menouf.....	Oct. 3-Nov. 4.....	7	3	
Minieh.....	Aug. 19-Sept. 11..	3	2	
India:				
Bombay.....	Oct. 26-Nov. 1....		15	
Calcutta.....	Oct. 9-15.....		13	
Japan:				
Matsuyama.....	Nov. 5.....	16		
Peru:				
Paita.....	Oct. 28.....	1		On s. s. Guatemala from Callao to Panama.
Russia:				
Odesa.....	Oct. 29-Nov. 4....	133	39	
Roksoliani.....	Nov. 11.....	2		

## SMALLPOX.

Brazil:				
Para.....	Nov. 6-12.....	3		
Canada:				
New Brunswick—				
Newcastle.....	Nov. 20-26.....	3		
Nova Scotia—				
Sydney.....	Nov. 20-26.....	3		
China:				
Shanghai.....	Oct. 24-30.....	1	10	Cases among foreigners; deaths among natives.
France:				
Paris.....	Nov. 6-12.....	4		
India:				
Madras.....	Oct. 22-28.....		2	
Italy:				
Naples.....	Nov. 6-12.....	10	1	
Japan:				
Formosa.....				Jan. 1-June 30, 9 deaths not previously reported.
Mexico:				
Aguascalientes.....	Nov. 13-19.....		2	
Mexico.....	Oct. 9-22.....	6		
Zanzibar:				
Zanzibar.....	Oct. 3-16.....	15	7	

## Reports Received from June 25 to December 2, 1910.

For reports received from January 1, 1910, to June 24, 1910, see PUBLIC HEALTH REPORTS for June 24, 1910. In accordance with custom, the tables of epidemic diseases are terminated semi-annually and new tables begun.]

## CHOLERA.

Place.	Date.	Cases.	Deaths.	Remarks.
Arabia:				
Aden.....	Oct. 22-25.....	3	1	From s. s. Himalaya from Port Said.
Maskat.....	Sept. 18-Oct. 29..	49	41	Including Matrah.
Austria-Hungary:				
Galicia.....				
Padwoloczyaska.....	June 20.....	1	1	From Russia.
Hungary.....				Total for Hungary, Aug. 10-Oct. 29, cases 322, deaths 159.
Budapest.....	Sept. 8-Oct. 1....	8	5	
Kalocsa.....	Sept. 23.....			Present.
Mohacs.....	Aug. 25-Sept. 24..	22	10	
Neusatz.....	Sept. 23.....			Do.
Pressburg.....	Aug. 24-30.....	1	1	From the steamer Rosenberg.
Trieste.....	Oct. 16.....	1		
Vienna.....	Aug. 21-Sept. 24..	9	2	

## CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

Reports Received from June 23 to December 2, 1910.

## CHOLERA—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Borneo:				
Pamangkjat.....	July 22-31.....	20	20	
Brazil:				
Pernambuco.....	Oct. 20.....			Two fatal cases on s. s. Manaos en route to l'ara. Cases trans- shipped from s. s. Araguay. A Russian immigrant from s. s. Royal George, from Bristol.
Canada:				
Quebec.....	Nov. 18.....	1		
China:				
Amoy.....	July 17-Sept. 24...	6	6	
Fatshan.....	July 1.....			Epidemic.
Hankow.....	Aug. 7-Oct. 22....	7	2	
Hongkong.....	July 10-16.....	9	6	Imported.
Swatow.....	May 10-June 6....		254	From 3,000 to 4,000 deaths in vicinity.
Colombo:				
Ceylon.....	July 3-9.....	1		
Denmark:				
Copenhagen.....	Sept. 27.....	1		On a steamer from Holland.
France:				
Marseille.....	Oct. 4-6.....	4	3	Three cases from s. s. Bosphore, from Piræus; 1 case a contact.
Germany:				
Freiburg.....	Sept. 9-13.....	2		
Kalthoff.....	Sept. 14.....	10	6	
Marlenburg.....	Sept. 13-Oct. 9....	16	6	Suburb of Marlenburg.
Ruhleben (near Berlin).....	June 23-27.....	2	2	Among Russian emigrants.
Sommerau.....	Sept. 22.....	1	1	
Spandau (near Berlin).....	Aug. 29.....	2	1	
India:				
Bombay.....	June 8-Oct. 25....		40	
Calcutta.....	May 1-Oct. 8.....		567	
Kurrachee.....	July 24-Oct. 8....	43	36	
Madras.....	May 21-Oct. 21....		118	Madras Presidency Oct. 1-Dec. 31, 1909, cases 5,579, deaths 3,264; Jan. 1-Sept. 31, 1910, cases 25,472, deaths 16,043.
Moulmine.....	May 1-7.....	1	1	
Negapatam.....	Apr. 16-Oct. 7....		301	
Rangoon.....	May 8-Oct. 15....		17	
Indo-China:				
Haipong.....	Aug. 30.....			Present.
Salgon.....	Jan. 1-Oct. 10....	80	54	
Italy				Total for Italy exclusive of Naples, Oct. 2-Nov. 23, cases 580, deaths 239.
Province of Avellino.....	Oct. 9-22.....	7	2	
Province of Bari—				
Andria.....	Aug. 17-Oct. 22....	41	29	
Barietta.....	Aug. 17-Sept. 24 ..	167	102	
Bisceglie.....	Aug. 17-Oct. 22....	4	2	
Bitonto.....	Aug. 17-Oct. 22....	3	1	
Canosa.....	Aug. 17-Sept. 10....	10	2	
Carbonara.....	Oct. 2-7.....	1	1	
Grumo Appula.....	Aug. 17-27.....	1		
Molfetta.....	Aug. 17-Oct. 22....	80	29	
Ruvo.....	Aug. 17-Oct. 1....	4	1	
Spinazzola.....	Aug. 17-Sept. 4....	15	8	
Terlizzi.....	Oct. 1-7.....	2		
Trani.....	Aug. 17-Sept. 10....	93	71	
Triggiano.....	Sept. 18-24.....	1		
Province of Campobasso.....	Oct. 9-22.....	6	2	
Province of Caserta.....	Oct. 1-Nov. 5.....	237	168	
Province of Foggia—				
Cerignola.....	Aug. 17-Oct. 7.....	38	30	
Margherita di Savola.....	Aug. 17-Sept. 10 ..	24	24	
Ortanova.....	Aug. 17-Sept. 10 ..	4	2	
San Ferdinando.....	Aug. 17-Sept. 10 ..	15	15	
Trinitapoli.....	Aug. 17-Oct. 1.....	55	30	
Province of Lecce.....	Oct. 16-Nov. 5.....	11	7	
Province of Messina.....	Oct. 16-22.....	1	1	
Province of Naples, exclu- sive of city of Naples.	Oct. 9-29.....	209	57	
Naples.....	Sept. 25-Nov. 8....	329	131	
Palermo.....	Oct. 16-22.....			
Palermo.....	Oct. 16-Nov. 5.....	16	8	
Province of Potenza—				
Genzano.....	Aug. 17-27.....	2	1	
Palazzo San Gervasio.....	Aug. 17-27.....	1	1	

## CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

Reports Received from June 25 to December 2, 1910.

## CHOLERA—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Italy—Continued.</b>				
Province of Rome—				
Fiumicino.....	Oct. 2-7.....	1	1	
Rome.....	Sept. 25-Oct. 29.....	19	9	
Sezze.....	Oct. 30-Nov. 5.....	3	1	
Terracina.....	Oct. 23-Nov. 5.....	6	1	
Province of Salerno.....	Oct. 1-Nov. 5.....	25	10	
Province of Sicily—				
Girgenti.....	Oct. 21-Nov. 5.....	4	.....	
Monreale.....	Oct. 1.....	1	.....	
Palermo.....	Sept. 28.....	4	.....	
Trapani.....	Oct. 21-22.....	3	2	
Sardinia.....	Oct. 3.....	4	1	
<b>Japan.....</b>				Total for all Japan Sept. 12-Oct 19: Cases, 800.
Awaji Island.....	July 22-28.....	3	.....	
Ehime.....	Oct. 4.....	5	.....	
Fukuoka.....	Oct. 4.....	20	.....	
Hiroshima.....	Oct. 4.....	5	.....	
Ibogan.....	Aug. 5.....	3	1	
Kagawa.....	Oct. 4.....	2	.....	
Kyoto.....	Oct. 7.....	82	30	Oct. 1-15: Cases, 150.
Kobe.....	Sept. 12-Nov. 5.....	362	195	Sept. 12: First case from s.s. Amakusa Maru, from Dalny.
Moji.....	Aug. 13-Oct. 19.....	44	25	Aug. 13: One case on s.s. Helios.
Nagasaki.....	Aug. 15-Nov. 3.....	4	1	Aug. 15: One case on s.s. Kasuga Maru, from Shanghai. Oct. 19: One case from s.s. Chicago Maru
Nagoya.....	Sept. 25-Oct. 8.....	1	1	
Nara.....	Oct. 4.....	1	.....	
Okayama.....	Oct. 4.....	1	.....	
Osaka.....	Aug. 6-Oct. 10.....	195	117	To Oct. 23: Total number of cases, 802.
Tokushima.....	Oct. 7.....	2	.....	
Wakamatsu.....	Oct. 8.....	2	.....	
Yokohama.....	Aug. 22.....	1	.....	On s. s. Siberia, from Shanghai.
<b>Java.....</b>				June 18: Present in extreme eastern part.
Batavia.....	May 8-Oct. 15.....	403	266	Mainly among natives.
Samarang.....	May 8-July 31.....	323	266	
Soerabaya.....	May 8-Aug. 20.....	125	70	
<b>Korea:</b>				
Chinampo.....	Aug. 26-27.....	2	1	From steamship Suma Maru.
Phong Yang.....	Oct. 2.....	70	40	
<b>Manchuria:</b>				
Dalny.....	Aug. 21-Sept. 10.....	4	1	
Morocco, general.....	Sept. 27-Oct. 7.....		5	Between Rabat and Casablanca, among troops.
<b>Netherlands:</b>				
Rotterdam.....	July 23-29.....	1	.....	From a vessel from Russia.
<b>Persia:</b>				
Ardabil.....	July 1-Aug. 21.....	70	56	
Chudja.....	Sept. 4.....	2	1	
Churine-Sou.....	Oct. 1.....	.....	.....	Present.
Enzeli.....	Aug. 20-Sept. 14.....	4	3	
Ghazian.....	Sept. 21-30.....	3	2	
Ghechlagh.....	Oct. 1.....	4	.....	
Ghol-Joughan.....	Oct. 1.....	.....	.....	Do.
Hassan Branch.....	July 11-13.....	6	2	
Imam-Goll.....	Sept. 28.....	.....	.....	Do.
Kermanshah.....	Oct. 1-10.....	67	46	Present in all localities between Hamadan and Ksinekin.
<b>Khorassan Province—</b>				
Badjairian.....	Aug. 1-Sept. 13.....	10	4	
Koutcham.....	Sept. 13.....	2	1	
Meshed.....	Sept. 13-27.....	160	86	And vicinity.
Nir.....	Sept. 4.....	.....	.....	Present.
Serab.....	Aug. 4-27.....	.....	.....	Do.
<b>Philippine Islands:</b>				
Manila.....	May 22-Oct. 15.....	415	273	July 29, 1 fatal case from s. s. Batangueno. First quarter, 1910—cases, 56; deaths, 45. Second quarter, 1910—cases, 37; deaths, 27.



## CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

Reports Received from June 25 to December 2, 1910.

## CHOLERA—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Philippine Islands—Continued.</b>				
Provinces.....				First quarter, 1910: Cases, 578; deaths, 432. Second quarter, 1910: Cases, 2,324; deaths, 1,692.
Albay.....	Sept. 4-10.....	3	2	
Ambos Camarines.....	Oct. 2-15.....	31	20	
Batangas.....	May 1-Oct. 15.....	1,395	896	
Bulacan.....	May 1-Oct. 15.....	835	597	
Cavite.....	June 12-Oct. 1.....	8	6	
Ilocos Sur.....	Aug. 14-Oct. 15.....	104	76	
Mindoro.....	Aug. 21-Oct. 8.....	12	10	
Mountain.....	June 26-Aug. 20.....	5	4	
Nueva Ecija.....	June 26-Oct. 15.....	617	409	
Pampanga.....	Apr. 24-Oct. 1.....	286	264	
Pangasinan.....	Apr. 24-Oct. 8.....	3,911	3,015	
Rizal.....	June 12-Oct. 15.....	288	197	
Tarlac.....	May 8-Oct. 15.....	272	202	
Union.....	May 1-July 30.....	3	1	
Tayabas.....	Sept. 26-Oct. 15.....	41	26	
<b>Roumania:</b>				
Galatz.....	Sept. 16.....	1	1	An Italian seaman.
Tulcea.....	Oct. 5.....	1	1	
<b>Russia:</b>				
Amolinsk, territory.....	Aug. 7-Oct. 8.....	646	392	
Amur, territory.....	Sept. 11-Oct. 8.....	67	48	
Archangel, government—				
Archangel.....	July 17-Oct. 1.....	3	2	
Astrakhan, government.....	July 3-Oct. 1.....	1,794	797	
Baku, government.....	May 29-Oct. 1.....	1,086	576	
Baku.....	July 3-Oct. 1.....	992	413	
Batum, territory.....	Aug. 28-Oct. 1.....	14	7	
Bessarabia.....	June 5-Oct. 1.....	112	44	
Black Sea, province.....	July 3-Oct. 1.....	499	162	
Cronstadt.....	July 17-Oct. 8.....	226	119	
Daghستان, territory.....	July 17-Oct. 8.....	1,566	571	
Don, territory.....	May 29-Oct. 8.....	20,905	2,182	
Rostov on the Don.....	June 19-Oct. 1.....	3,081	1,030	
Erivan, government.....	July 24-Oct. 1.....	1,040	521	
Esthonia, government—				
Reval.....	July 24-30.....	1		
Ferganah.....	Sept. 11-Oct. 8.....	61	41	
Finland.....	Aug. 6-Sept. 24.....	3		
Kaluga, government.....	July 17-Aug. 6.....	21	3	
Kars, territory.....	Aug. 7-Oct. 1.....	699	304	
Kharkov, government.....	May 29-Oct. 1.....	2,621	1,099	
Khazan.....	June 26-Oct. 1.....	1,916	832	
Kherson, government.....	May 29-Sept. 10.....	8,784	4,744	
Odessa.....				June 18-20: Fatal case on s. s. Colenzo. May 29-Oct. 28: Cases, 604; deaths, 340.
Kief, government.....	May 20-Oct. 1.....	2,946	1,180	
Kostroma, government.....	May 29-Oct. 8.....	1,880	757	
Koutals, government.....	Aug. 7-Oct. 1.....	407	286	
Kuban, government.....	May 29-Oct. 8.....	49,591	10,267	
Kursk, government.....	June 26-Oct. 8.....	5,364	2,112	
Livonia, government.....	Aug. 28-Oct. 1.....	49	34	
Riga.....	Aug. 1-Sept. 24.....	27		
Minsk, government.....	May 29-Oct. 1.....	503	168	
Mohilev, government.....	May 15-Oct. 8.....	212	89	
Moscow, government.....	July 24-Oct. 8.....	185	83	
Moscow.....	July 10-30.....	10	5	
Nikolajev.....	Aug. 28-Sept. 10.....	37	19	
Nizhni Novgorod, govern- ment.....	July 3-Oct. 1.....	1,785	776	
Novgorod, government.....	July 17-Oct. 8.....	14	6	
Olonez, government.....	Aug. 14-Sept. 10.....	10	5	
Orel, government.....	Mar. 30-Oct. 8.....	452	173	
Orenburg, government.....	July 17-Oct. 1.....	2,666	1,331	
Orlov.....	July 3-9.....	22	8	
Podolia, government.....	July 3-Oct. 8.....	1,055	430	
Penza, government.....	July 10-Aug. 13.....	401	138	
Perm, government.....	July 17-Sept. 30.....	684	231	
Poltava, government.....	May 29-Oct. 1.....	2,953	1,210	
Pskov, government.....	Aug. 14-Oct. 1.....	6	1	
Rjasan, government.....	July 3-Oct. 8.....	2,020	854	

## CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

Reports Received from June 25 to December 2, 1910.

## CHOLERA—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Russia—Continued.</b>				
St. Petersburg, government.	July 10-Oct. 8.....	564	315	
St. Petersburg.....	June 19-Oct. 8.....	4,046	1,624	
Samara, government.....	June 19-Oct. 1.....	9,663	4,391	
Sarapul, government.....	July 17-Sept. 24.....	1,048	556	
Saratov, government.....	June 19-Oct. 1.....	5,842	2,417	
Semipalatinsk, territory.....	Sept. 4-Oct. 1.....	15	6	
Simbirsk, government.....	June 19-Oct. 1.....	3,354	1,613	
Smolensk.....	July 24-Sept. 10.....	69	31	
Stavropol, government.....	June 26-Oct. 8.....	3,906	1,879	
Syr Darya.....	July 24-Oct. 8.....	140	84	
Tainbov, government.....	June 19-Oct. 1.....	4,059	1,961	
Transbaikalia territory.....	Sept. 4-Oct. 1.....	22	13	
Taurida, government.....	May 29-Oct. 1.....	4,063	2,001	
Kertsch.....	May 29-Oct. 1.....	490	223	
Sebastopol.....	June 19-Sept. 10.....	44	24	
Theodosia.....	June 19-25.....			Present.
Terek, territory.....	June 19-Oct. 1.....	1,257	655	
Tiflis, government.....	July 17-Oct. 1.....	1,585	591	
Tiflis.....	June 19-July 16.....	113	41	
Tchernigov, government.....	May 29-Oct. 1.....	1,210	445	
Tobolsk, government.....	Aug. 7-Oct. 1.....	120	63	
Tomsk, government.....	Aug. 14-Oct. 1.....	280	106	
Trans-Caspian, territory.....	July 3-Sept. 10.....	62	27	
<b>Trans-Caucasia—</b>				
<b>Tschernomorsk, district—</b>				
Novorossysk.....	June 19-July 3.....	7	6	
Tula, government.....	July 10-Aug. 27.....	34	10	
Tural, territory.....	July 24-Oct. 1.....	85	43	
Tver, government.....	July 24-Oct. 1.....	19	4	
Ufa, government.....	July 10-Sept. 10.....	588	361	
Ural, territory.....	Aug. 14-Oct. 1.....	177	115	
Vitebsk, government.....	May 29-Oct. 1.....	186	77	
Veronesch, government.....	May 29-Oct. 1.....	4,511	2,104	
Viatka.....	July 24-Oct. 8.....	302	159	
Vladimir, government.....	July 24-Oct. 1.....	25	16	
Volhynia, government.....	July 3-Sept. 10.....	47	25	
Vologda, government.....	Aug. 14-Sept. 10.....	188	109	
Warsaw, district.....	Aug. 25-Sept. 2.....	25	28	
Yaroslav, government.....	July 24-Oct. 8.....	1,134	603	
Yaroslav.....	July 10-23.....	25	13	
Yekaterinslav, government.....	May 29-Oct. 1.....	14,789	6,830	
Yelisavetpol.....	Aug. 7-Oct. 8.....	120	87	
<b>Servia:</b>				
Belgrade.....	Oct. 7-22.....	6	1	
<b>Siam:</b>				
Bangkok.....	May 4-Oct. 8.....	888	881	
<b>Straits Settlements:</b>				
Singapore.....	May 8-Oct. 8.....	116	111	
<b>Tripoli:</b>				
Tripoli.....	Oct. 3-29.....	99	67	
<b>Turkey:</b>				
Constantinople.....	Sept. 13-Oct. 31.....	109	65	
Saloniki.....	Nov. 18.....	1	1	
<b>Turkey in Asia:</b>				
Bagdad, vilayet.....	Oct. 6-30.....	390	325	
Basra.....	Sept. 25-Oct. 25.....	14	10	
Belrut.....	Oct. 30-Nov. 5.....	7	3	
Erzerum, vilayet.....	Aug. 22-Oct. 26.....	573	391	
Irakil.....	Sept. 25-Oct. 1.....	1	1	
Samsoun.....	Sept. 18-24.....	1		
Smyrna.....	Nov. 21.....			Present.
Tizirk.....	Sept. 18-24.....	1		
Trebizond.....	Sept. 10-Oct. 30.....	527	292	And vicinity.
Zonguldak.....	Oct. 17-30.....	77	39	Do.



## CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

Reports Received from June 25 to December 2, 1910.

## YELLOW FEVER.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Brazil:</b>				
Bahia.....	Apr. 30-Aug. 26...	16	12	S. s. Augustine, left Manaus Sept. 24 bound for Liverpool, via Para and Lisbon. After leaving Manaus 5 cases of yellow fever developed; 2 of these were landed at Para, 2 were buried at sea, and 1 was landed at Liverpool convalescent.
Manaos.....	May 30-Oct. 22....	49	49	
Para.....	May 30-Oct. 29....	180	120	July 25: One death on s. s. Augustine, en route from Para to Lisbon, 2 days previous to arrival at Madeira.
Pernambuco.....	May 16-21.....		1	
Costa Rica:				
Limon.....	July 9-14.....	1	1	Fatal case May 28 from Barranquilla; case June 29 from Siquires; fatal case July 9 from Tivives.
San Jose.....	May 28-July 9....	3	2	
Siquires.....	July 31.....	1	1	
Ecuador:				
Babahoyo.....	Sept. 1-15.....	1		Present Sept. 19.
Duran.....	Aug. 16-Sept. 30..	2		
Guayaquil.....	May 16-Oct. 15....	75	33	
Milagro.....	Aug. 16-31.....	2	1	
Gold Coast:				
Sekondi.....	May 1-27.....	8	8	
Great Britain:				
Liverpool.....	Oct. 14.....	1		See remark opposite Manaus.
Hawaii:				
Honolulu.....	Nov. 5.....	1		From s. s. Hongkong Maru, from Empalme, Mexico, via Manzanillo.
Mexico:				
Campeche.....	Sept. 25-Nov. 12..	10	7	
Sierra Leone:				
Freetown.....	May 1-Sept. 31....	8	8	Present.
Sherboro.....	May 20.....			
Venezuela:				
Caracas.....	Sept. 17-Nov. 12..	3	1	Do.
La Guaira.....	June 16-30.....		1	
Puerto Cabello.....	Oct. 12.....			
Valencia.....	Oct. 14.....	3	1	

## PLAGUE.

Arabia:				
Aden.....	Oct. 9-15.....	2	2	
Argentina:				
Rosario.....	Feb. 1-28.....	1	1	
Tucuman.....	Feb. 26-May 31....	37	16	
Brazil:				
Bahia.....	Apr. 30-Sept. 30..	35	35	
Para.....	Sept. 19.....	1		
Pernambuco.....	Apr. 1-Oct. 4.....	6	5	
Rio de Janeiro.....	June 5-Oct. 30....	6	2	
Chile, general.....	Jan. 1-May 31....	104	35	
Iquique.....	May 8-Sept. 4.....	38	13	
Mejillones.....	Apr. 27.....			Present.
Pisagua.....	Apr. 1-May 31....	14	4	
Taltal.....	Apr. 1-27.....	12		
China:				
Amoy.....	July 3-Sept. 24....		11	May 8-June 11, 8 to 12 deaths daily. Aug. 6, present in vicinity.
Kulungsu international city.	June 5-11.....		1	
Canton.....	July 13-Aug. 6....	43	31	
Chao Yang district.....	May 5-19.....		3,000	Mainly at Ho Peng. Present also at Chelin, Feng-chow-so, Taipushien, and Tsai-tang-shi.
Chang-pu district.....	June 11.....			Epidemic.
Ching-chew district.....	June 11.....			Do
Hankow.....	May 15-28.....	5	3	
Hongkong.....	May 8-Aug. 27....	20	18	
Swatow.....	June 1-July 11....			Present in vicinity.

## CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

Reports Received from June 25 to December 2, 1910.

## PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Ecuador:</b>				
Babahoyo.....	Sept. 1-Oct. 15....	6	2	
Duran.....	Sept. 16-Oct. 15....	2	2	
Guayaquil.....	May 16-Oct. 15....	213	70	
Matilde, plantation.....	Sept. 1-15.....	1	.....	
Rocafuerte.....	Aug. 16-31.....	1	.....	Sept. 15—1 case in hospital.
<b>Egypt:</b>				
Alexandria.....	May 24-Oct. 14....	29	17	
Ismailia.....	June 19.....	1	1	
Port Said.....	June 14-Sept. 24....	29	13	
<b>Provinces—</b>				
Assiout.....	May 26-Nov. 10....	49	17	
Assouan.....	Apr. 30-June 8....	2	2	
Behera.....	Sept. 13-Nov. 10....	4	1	
Beni Souef.....	May 27-June 29....	8	5	
Dakalyieh.....	Aug. 16-26.....	3	2	
Galloobeeh.....	May 21-Sept. 9....	9	2	
Garbieh.....	May 14-Oct. 21....	68	23	
Payoum.....	May 28-July 11....	20	14	
Kena.....	May 27-June 18....	24	22	
Menouf.....	May 24-Nov. 4....	127	27	
Minieh.....	May 31-Sept. 12....	27	11	
<b>German East Africa:</b>				
Lindi.....	Sept. 5.....	1	1	
<b>Great Britain:</b>				
London.....	Oct. 18-19.....	2	1	Case Oct. 18 from s. s. Oceana from Bombay; case Oct. 19 from s. s. Hindle from Bombay.
<b>Suffolk County—</b>				
Freston.....	Sept. 16-29.....	4	4	
<b>Hawaii:</b>				
Honolulu.....	July 5-12.....	2	2	
<b>India:</b>				
Bombay.....	May 18-Oct. 25....	.....	954	
Calcutta.....	May 1-Oct. 8.....	.....	570	
Kurrachee.....	May 15-Oct. 29....	585	381	
Madras.....	June 25-Oct. 7....	.....	2	
Rangoon.....	May 8-Oct. 15....	446	443	
Bombay Presidency and Sind.....	May 1-Sept. 24....	10,798	7,636	
Madras Presidency.....	May 1-Sept. 24....	1,154	901	
Bengal.....	May 1-Sept. 24....	1,949	1,686	
United provinces.....	May 1-Sept. 24....	7,310	6,518	
Punjab.....	May 1-Sept. 24....	44,565	38,720	
Burma.....	May 1-Sept. 24....	1,774	1,709	
Eastern Bengal and Assam.....	June 12-July 9....	48	45	
Central provinces, including Berar.....	May 1-Sept. 24....	3,389	2,241	
Mysore State.....	May 1-Sept. 24....	1,963	1,336	
Hyderabad State.....	May 1-Sept. 24....	1,253	1,109	
Central India.....	May 1-Sept. 24....	922	596	
Rajputana and Ajmer-Merwara.....	May 1-Aug. 27....	9,328	8,131	
Kashmir.....	May 1-June 11....	58	49	
North West Province.....	June 12-18.....	3	3	
<b>Grand total.....</b>		<b>34,514</b>	<b>70,680</b>	
<b>Indo-China:</b>				
Salgon.....	Jan. 1-Oct. 16....	102	39	
<b>Japan:</b>				
Formosa.....	May 8-June 18....	16	12	
Osaka.....	May 1-June 25....	9	9	
Yokohama.....	Aug. 31.....	1	1	On steamship Manchuria from Hongkong.
<b>Malta:</b>				
Valetta.....	July 16.....	1	.....	In quarantine station on Comino Island, from s. s. North Wales.
<b>Mauritius.....</b>	<b>Apr. 1-Sept. 1....</b>	<b>38</b>	<b>20</b>	
<b>New Zealand:</b>				
Auckland.....	May 23.....	1	.....	
<b>Persia:</b>				
Bouchir.....	Apr. 29-June 25....	51	40	
<b>Peru:</b>				
Arequipa Department.....	Mar. 1-31.....	16	8	
Mollendo.....	May 16-Aug. 23....	2	1	Oct. 18, present.
Callao Department.....	Mar. 1-31.....	2	.....	
Callao.....	May 12-Sept. 3....	4	.....	Case May 12 from s. s. Victoria; case May 19 from s. s. Nicarie. Oct. 1-31, cases 5; deaths 4.

## CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

Reports Received from June 25 to December 2, 1910.

## PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Peru—Continued.</b>				
Lambayeque Department..	Mar. 1-Aug. 31....	46	22	Nov. 1—Present.
Libertad Department.....	Mar. 1-Aug. 31....	83	44	
Lima Department.....	Mar. 1-Aug. 31....	38	20	
Piura Department.....	Mar. 1-July 31....	6	3	
<b>Portugal:</b>				
Lisbon.....	Oct. 24-Nov. 2....	7	1	First case repaired boilers on s.s.
<b>Rhodes:</b>				
Aplakia.....	May 22-28.....	.....	.....	Africa from eastern Africa. Present.
<b>Russia:</b>				
Astrakhan government— Khargiz Steppe.....	June 26-July 7....	13	12	In Kalmuk and Narinsk.
Moscow.....	Aug. 14-Sept. 3....	2	1	
Odessa.....	July 18-Oct. 28....	132	39	
St. Petersburg.....	May 6-28.....	3	3	
<b>Slam:</b>				
► Bangkok.....	Apr. 25-Sept. 10...	30	27	
<b>Straits Settlements:</b>				
► Singapore.....	May 8-28.....	3	3	
<b>Trinidad:</b>				
Port of Spain.....	May 15-July 14....	2	2	
<b>Tunis:</b>				
Tunis.....	June 30.....	5	3	
<b>Turkey in Asia:</b>				
Adalla.....	Oct. 6.....	2	.....	And vicinity.
Basra.....	June 12-Aug. 13....	5	4	
Beirut.....	Aug. 1.....	1	.....	
Lohela.....	May 1-24.....	25	27	
<b>Venezuela:</b>				
Caracas.....	July 30-Nov. 11...	13	11	
<b>Zanzibar:</b>				
Zanzibar.....	Sept. 2-14.....	3	3	

## SMALLPOX.

Abyssinia:					
Adis Ababa.....	May 16-Oct. 29....				Present.
Arabia:					
Aden.....	Sept. 19-26.....			1	
Maskat.....	July 19-23.....		1		
Argentina:					
Buenos Aires.....	Feb. 1-Aug. 31....			447	
Mendoza, province.....	July 27.....				Epidemic.
Rosario.....	Apr. 1-July 31....		5	5	In February 1 case, 1 death.
San Juan, province.....	July 27.....				Epidemic.
Algeria:					
Bona.....	May 1-31.....		1	1	
Australia:					
Victoria, general.....	Apr. 3-19.....		1	1	
Austria-Hungary:					
Bukowina.....	July 10-16.....		1		
Galicia.....	May 29-July 23....		5		
Barbados.....	Aug. 16.....		1		From steamship Byron.
Belgium:					
Antwerp.....	July 24-Oct. 1....		2	1	
Ghent.....	July 24-Sept. 10...			2	
Brazil:					
Bahia.....	Apr. 30-Sept. 30...		390	291	
Campanas.....	July 17-23.....			1	
Manaos.....	Aug. 6-Sept. 3....				Present.
Para.....	May 29-Oct. 29....		75	22	
Pernambuco.....	Mar. 16-June 30....			331	
Rio de Janeiro.....	Apr. 18-Oct. 30....		51		
Santos.....	May 22-Aug. 16....			12	
Sao Paulo.....	June 12-25.....			4	
Canada:					
British Columbia—					
Fernie.....	June 12-25.....		4		
Vancouver.....	May 1-31.....		2		
Victoria.....	Aug. 21-Oct. 8....		5		
Manitoba—					
Dauphin.....	Sept. 15.....				Do.
Winnipeg.....	June 19-25.....		1		
New Brunswick—					
Newcastle.....	Nov. 6-12.....		2		

## CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

Reports Received from June 25 to December 2, 1910.

## SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Canada—Continued.</b>				
Nova Scotia—				
Halifax.....	June 14–Nov. 19...	26	.....	
Pictou.....	June 12–July 23...	9	1	
Sydney.....	July 3–Nov. 12...	22	.....	
Ontario—				
Kingston.....	Oct. 3.....	.....	.....	Present in vicinity.
Ottawa.....	Nov. 13–19.....	1	.....	
Toronto.....	June 5–Sept. 17...	13	.....	
Ceylon:				
Colombo.....	June 26–Oct. 15...	25	8	
Chile:				
Antofagasta.....	July 3–9.....	4	.....	
Chilean.....	May 14.....	.....	.....	Epidemic.*
Punta Arenas.....	Sept. 21–27.....	1	.....	From a coaling vessel.
Santiago.....	June 19–25.....	.....	.....	Present.
Valparaiso.....	May 19–Oct. 12...	387	.....	Deaths not reported.
Victoria.....	May 14.....	.....	.....	Present.
China:				
Canton.....	May 8–28.....	9	.....	
Chefoo.....	June 18–July 2...	1	1	June 5—Present; July 2—One case from a vessel.
Chungking.....	Aug. 27–Oct. 1...	.....	.....	Present.
Hongkong.....	May 8–July 30...	6	3	
Nanking.....	May 7–Oct. 22...	.....	.....	Do.
Shanghai.....	May 22–Oct. 23...	5	71	Cases among foreigners; deaths among natives. June 9—Three cases from U. S. cruiser New Orleans from Nanking.
Swatow.....	June–July 17.....	.....	.....	Present.
Tsingtau.....	June 12–18.....	2	.....	
Cuba:				
Habana.....	Sept. 17.....	1	.....	On s. s. Corcovado, from Corunna.
Egypt, general.....	Apr. 30–June 17...	415	85	
Alexandria.....	May 1–Aug. 31...	.....	13	
Cairo.....	May 21–Nov. 4...	12	5	
Suez.....	May 21–27.....	1	.....	
France:				
Paris.....	May 29–Nov. 5...	40	.....	
Germany.....				Total for Germany May 29–Nov, 5, cases, 25.
Hamburg.....	June 5–11.....	1	.....	
Gibraltar.....	June 20–Oct. 9...	7	2	
Great Britain:				
Liverpool.....	July 17–Sept. 24...	3	.....	
London.....	June 19–Aug. 6...	6	.....	
South Shields.....	May 22–June 4...	4	1	
West Hartlepool.....	Oct. 2–8.....	1	.....	
Hawaii:				
Hilo.....	Sept. 10.....	1	.....	Sept. 10—One case on s. s. Wilhelmina, from San Francisco via Honolulu.
Honolulu.....	Nov. 14.....	1	.....	From army transport Sheridan from San Francisco.
India:				
Bombay.....	May 18–Oct. 25...	.....	123	
Calcutta.....	July 10–Oct. 8...	.....	6	
Kurrachee.....	May 15–July 16...	12	3	
Madras.....	May 14–Oct. 21...	.....	68	
Rangoon.....	May 8–Aug. 27...	.....	38	
Indo China:				
Saigon.....	May 30–Oct. 16...	203	108	
Italy.....	May 30–Aug. 7...	66	.....	Total for Italy exclusive of Naples.
Naples.....	May 30–Aug. 21...	88	17	June 26—One case from s. s. San Giovanni. One case, July 3 on s. s. Pannonia.
Palermo.....	Sept. 25–Oct. 1...	1	.....	
Provaglio di Iseo.....	Oct. 9–16.....	1	.....	
Japan:				
Kobe.....	Oct. 10–21.....	2	.....	
Formosa.....	May 22–Sept. 25...	.....	5	
Java:				
Batavia.....	May 22–Oct. 1...	6	.....	
Korea:				
Fusan.....	May 1–7.....	1	.....	
Seoul.....	May 26–July 2...	3	4	
Malta.....	May 22–Nov. 5...	31	2	

## CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

## Reports Received from June 25 to December 2, 1910.

## SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Mexico:</b>				
Aguascalientes.....	June 5-Oct. 29.....		41	
Chihuahua.....	Oct. 31-Nov. 6.....	1		
Guadalajara.....	June 11-July 2.....		6	
Mexico.....	May 15-Oct. 8.....		41	
San Luis Potosi.....	May 29-Oct. 8.....	13	9	
Veracruz.....	July 3-9.....	1		
<b>Morocco:</b>				
Tangier.....	Nov. 19.....			Present in foreign colony.
<b>Netherlands:</b>				
Rotterdam.....	Sept. 4-17.....		1	
<b>Persia:</b>				
Kerman.....	July 2.....			Present.
Teheran.....	May 1-Oct. 24.....		158	
<b>Peru:</b>				
Salaverry.....	Oct. 7-Nov. 1.....	4		
<b>Philippine Islands</b> .....				First quarter, 1910, cases 71; second quarter, 1910, cases 56.
<b>Portugal:</b>				
Lisbon.....	May 29-Nov. 12.....	1,016		Jan. 1-Sept. 24, deaths, 210.
<b>Russia:</b>				
Libau.....	May 30-Oct. 13.....	147	10	
Moscow.....	May 22-Nov. 5.....	217	91	
Odessa.....	May 22-Nov. 5.....	55	13	
Riga.....	May 29-Nov. 5.....	491		Apr. 1-Aug. 31—Deaths, 479.
St. Petersburg.....	May 8-Nov. 5.....	568	192	
Warsaw.....	Mar. 6-Sept. 17.....		193	
<b>Siam:</b>				
Bangkok.....	Apr. 25-Sept. 10.....	4	4	
<b>Siberia:</b>				
Vladivostok.....	Apr. 22-Aug. 13.....	9	1	
<b>Spain:</b>				
Almeria.....	June 1-Aug. 31.....		3	
Barcelona.....	May 31-Oct. 9.....		19	
Cadiz.....	May 1-31.....		1	
Madrid.....	May 1-Oct. 31.....		18	
Seville.....	May 1-Oct. 31.....		8	
Valencia.....	June 19-July 23.....	6		
Vigo.....	June 12-Oct. 15.....		10	
<b>Straits Settlements:</b>				
Penang.....	May 29-Sept. 3.....	27	5	
Singapore.....	May 8-Oct. 24.....	248	94	
<b>Switzerland:</b>				
Thurgau, Canton.....	July 10-16.....	1		
Zurich, Canton.....	June 19-Nov. 5.....	13		
<b>Tripoli:</b>				
Tripoli.....	June 12-18.....	1		
<b>Turkey:</b>				
Constantinople.....	Aug. 22-28.....		1	
<b>Turkey in Asia:</b>				
Basra.....	June 5-Aug. 13.....			Present.
Beirut.....	Oct. 23-Nov. 5.....	12		
<b>Uruguay:</b>				
Montevideo.....	Apr. 1-Sept. 30.....	795	334	
San Jose.....	July 7.....			Do.
<b>Zanzibar:</b>				
Zanzibar.....	June 1-Oct. 16.....	175	85	

## MORTALITY.

## WEEKLY MORTALITY TABLE, FOREIGN AND INSULAR CITIES.

Cities.	Week ended—	Estimated population.	Total deaths from all causes.	Deaths from—									
				Tuberculosis.	Plague.	Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Typhoid fever.	Scarlet fever.	Diphtheria.	Measles.
Aberdeen.....	Nov. 5	185,703	43										
Do.....	Nov. 12		39										
Aguascalientes.....	Nov. 19	40,000	49	1				2	1		1		1
Aix-la-Chapelle.....	Oct. 29	162,367	69	5							1	1	
Amsterdam.....	Nov. 12	573,246	138	11							1	1	2
Do.....	Nov. 19	574,412	118	16						2		1	2
Antwerp.....	Nov. 5	326,351	79	6							2	1	
Do.....	Nov. 12		74	4									3
Bagdad.....	Oct. 22	300,000				42							
Barcelona.....	Nov. 13	519,272	205	31						9		1	2
Barmen.....	Oct. 22	164,600	27	2							1	1	
Do.....	Oct. 29		36	8						1	1		1
Do.....	Nov. 5		40	3									1
Barranquilla.....	do.....	40,000	30	2						3			
Batavia.....	Oct. 15	217,630				4							
Do.....	Oct. 22					2							
Belrut.....	Oct. 29	80,000	28							2			
Do.....	Nov. 5		25			3							
Belfast.....	do.....	391,167	108	16							1		3
Berlin.....	Oct. 29	2,128,107	491	68						2	7	8	1
Birmingham.....	Nov. 12	570,113	171							1	1		4
Bombay.....	Oct. 25	977,822	540	67	12	1		1		7			4
Do.....	Nov. 1		610		15	2							2
Budapest.....	Oct. 29	950,610								3	6	4	
Do.....	Nov. 8									2	9	5	
Do.....	Nov. 12									1	3		2
Cairo.....	Oct. 28	682,953	419	27						9		18	
Do.....	Nov. 4		401	36				1	4	4	1	17	
Calcutta.....	Oct. 15	847,796	363		13	12							
Campeche.....	Nov. 5	17,665	10	1			1						
Colombo.....	Oct. 22	187,554	101	16						5			
Copenhagen.....	Oct. 29	455,000	119	6						1	2	2	1
Dresden.....	do.....	552,400	123	15						1		4	2
Do.....	Nov. 5	556,400	126	11								4	1
Dundee.....	Nov. 12	170,206	47	5							1	3	
Do.....	Nov. 19		54	3								1	
Guadalajara.....	do.....	118,799									2		
Halifax.....	do.....	50,000	14									1	
Hull.....	Nov. 12	280,006	99									1	4
Kobe.....	Oct. 23	400,147	227			39				3			
Do.....	Nov. 6		195			8				5		6	
Leeds.....	Nov. 12	490,985	142	7						3	1	8	1
Do.....	Nov. 19		176	14						1	1	3	6
Lelpzig.....	Nov. 5	590,329	155	15							1	5	3
Do.....	Nov. 12		171	23						2	1	6	7
Libau.....	Nov. 6	90,000									1	3	
Do.....	Nov. 13							1		1	1		
Manaos.....	Oct. 29	50,000	26	2			1		1				
Mexico.....	Oct. 15	500,000	373						24				
Do.....	Oct. 22		352						26				
Do.....	Oct. 29		342						20				
Milan.....	Nov. 1-14	900,000	75	64						8		2	1
Naples.....	Nov. 12	593,729				1		1					
Odesa.....	Nov. 12	546,000	180	26				1	5	11	6	3	
Ottawa.....	Nov. 19	86,000	14	2							1		
Do.....	Nov. 26		24							1			
Palermo.....	Nov. 5	340,000	162	12		2			1				
Do.....	Nov. 12		161	7		3			1	3	2		
Para.....	Nov. 5	185,000	74	8			8			1			
Do.....	Nov. 12		94	9			6						1
Paris.....	Oct. 29	2,776,344	843	177						4	1	3	3
Do.....	Nov. 5		780	156						4		4	1
Do.....	Nov. 12		823	162						5		6	1
Penang.....	Sept. 17	103,582	72	12			7			1			
Do.....	Sept. 24		76	13			15			1			
Do.....	Oct. 1		78	10			12						
Do.....	Oct. 8		81	13			12						
Do.....	Oct. 15		80	13			15						



## MORTALITY—Continued.

Weekly mortality table, foreign and insular cities—Continued.

Cities.	Week ended—	Estimated population.	Total deaths from all causes.	Deaths from—								
				Tuberculosis.	Plague.	Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Typhoid fever.	Scarlet fever.	Diphtheria.
Santos.....	Oct. 22	85,000	63	8	.....	.....	.....	.....	.....	.....	.....	.....
Trebizond.....	Nov. 12	55,000	.....	.....	18	.....	.....	.....	.....	.....	.....	.....
Tripoli.....	Oct. 22	42,000	.....	.....	14	.....	.....	.....	.....	.....	.....	.....
Do.....	Oct. 29	.....	.....	1	.....	39	.....	.....	1	.....	.....	.....
Do.....	Nov. 5	.....	.....	.....	.....	53	.....	.....	.....	.....	.....	.....
Do.....	Nov. 12	.....	.....	.....	.....	50	.....	.....	.....	.....	.....	.....
Turin.....	Oct. 20	391,988	114	8	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	Oct. 27	.....	96	12	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	Nov. 3	.....	128	17	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	Nov. 10	.....	137	16	.....	.....	.....	.....	1	.....	.....	.....
Zanzibar.....	Oct. 10	.....	.....	4	.....	.....	.....	5	.....	.....	.....	.....
Do.....	Oct. 16	.....	.....	5	.....	.....	.....	3	.....	.....	.....	.....

MORTALITY—FOREIGN AND INSULAR—COUNTRIES AND CITIES  
(untabulated).

**ALGERIA—Algiers.**—Month of October, 1910. Population, 157,000. Total number of deaths from all causes 290, including typhoid fever 2, typhus fever 2, tuberculosis 37.

**BRAZIL—Rio de Janeiro.**—Month of October, 1910. Population, 860,000. Total number of deaths from all causes 1,804, including typhoid fever 4, measles 76, diphtheria 3, tuberculosis 392.

**FRANCE—Calais.**—Month of October, 1910. Population 80,000. Total number of deaths from all causes 97, including scarlet fever 1, diphtheria 2, tuberculosis 18.

**Marseille.**—Month of October, 1910. Population, 517,498. Total number of deaths from all causes 772, including typhoid fever 48, cholera 2, diphtheria 2, tuberculosis 97.

**GREAT BRITAIN.**—Week ended October 29, 1910.

**England and Wales.**—The deaths registered in 77 great towns correspond to an annual rate of 13 per 1,000 of the population, which is estimated at 16,940,895.

**Ireland.**—The deaths registered in 21 principal town districts correspond to an annual rate of 16.8 per 1,000 of the population, which is estimated at 1,151,790. The lowest rate was recorded at Drogheda, viz, 8.2, and the highest at Clonmel, viz, 35.9, per 1,000.

**Scotland.**—The deaths registered in 8 principal towns correspond to an annual rate of 12.7 per 1,000 of the population, which is estimated at 1,865,571. The lowest rate was recorded at Aberdeen, viz, 8.1, and the highest at Perth, viz, 15.4, per 1,000. The total number of deaths from all causes was 460, including typhoid fever 2, scarlet fever 7, diphtheria 7.

**MALTA.**—Month of October, 1910. Population, 215,879. Total number of deaths from all causes 402, including typhoid fever 7, tuberculosis 11.

**MAURITIUS.**—Month of August, 1910. Population, 373,071. Total number of deaths from all causes 1,075, including typhoid fever 3, plague 11, tuberculosis 69.

**NEW ZEALAND.**—Month of August, 1910.

*Auckland.*—Population, 97,929. Total number of deaths 66, including diphtheria 1, tuberculosis 5.

*Christchurch.*—Population, 78,605. Total number of deaths 85, including diphtheria 1, tuberculosis 1.

*Dunedin.*—Population, 62,584. Total number of deaths 64, including tuberculosis 5.

*Wellington.*—Population, 76,390. Total number of deaths 91, including tuberculosis 7.

Month of September, 1910.

*Auckland.*—Total number of deaths 50, including typhoid fever 1, tuberculosis 7.

*Christchurch.*—Total number of deaths 64, including tuberculosis 4.

*Dunedin.*—Total number of deaths 57, including tuberculosis 6.

*Wellington.*—Total number of deaths 50, including diphtheria 1, tuberculosis 6.

**RUSSIA—Riga.**—Month of August, 1910. Population 255,000. Total number of deaths from all causes 788, including typhoid fever 9, typhus fever 5, smallpox 35, measles 5, scarlet fever 46, diphtheria 17, tuberculosis 75.

**SIAM—Bangkok.**—Four weeks ended October 8, 1910. Population 600,000. Total number of deaths from all causes not reported; 82 deaths from cholera reported.

**SPAIN—Cadiz.**—Month of October, 1910. Population 69,382. Total number of deaths from all causes 153, including typhoid fever 1, scarlet fever 1, diphtheria 1, tuberculosis 27.

*Madrid.*—Month of October, 1910. Population 613,436. Total number of deaths from all causes 1,100, including typhoid fever 12, smallpox 4, measles 38, scarlet fever 11, diphtheria 30, tuberculosis 160.

By authority of the Secretary of the Treasury:

WALTER WYMAN,

Surgeon General,

United States Public Health and Marine-Hospital Service.